

Volume

#

R0565

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ORIGINAL

FIELD NOTES

OF THE

SURVEY OF THE EAST AND SOUTH BOUNDARIES

AND INDEPENDENT RESURVEY AND SURVEY

OF A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 23 SOUTH, RANGE 11 WEST

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Craig P. Sylvester, Cadastral Surveyor

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Under special instructions dated April 27, 1959, which provided
for the surveys included under Group No. 411, approved April 27, 1959
and assignment instructions dated April 30, 1959

Survey commenced May 26, 1959

Survey completed July 8, 1959

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_____ Craig P. Sylvester

_____ Alburn D. Griffin

Township 23 South, Range 11 West

Chains

A portion of the north boundary was surveyed by J. Gorlinski in 1880 and dependently resurveyed and surveyed concurrently and is described in the field notes of T. 22 S., R. 11 W. The west boundary was surveyed concurrently and is described in the field notes of T. 23 S., T. 12 W.

The following notes are those of the survey of the east and south boundaries and an independent resurvey and survey of a portion of the subdivision of T. 23 S., R. 11 W., deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. & L. E. Gurley Solar Transits Nos. 541330 and 461263, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random and lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets where available. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude $38^{\circ} 45' 44.44''$ N. and longitude $113^{\circ} 01' 37.21''$ W., as adjusted from traverses to U. S. G. S. triangulation station Standard G.L.O. brass cap stamped T25S R11-12W S36/S31 1911.

S 1

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be $16^{\circ} 30'$ East.

Survey of the East Boundary of T. 23 S. R 11

Chains	
	From the cor. of Tps. 23 and 24 S., Rs. 10 and 11 W.
	North, bet. secs. 31 and 36.
	Over rolling land draining S.; asc. gentle SW. slope 20 ft.
16.00	Small wash, drains SW.; asc. 40 ft. over SW. slope.
30.30	Unimproved road, bears E. and W.; asc. 30 ft. over S. slope.
40.00	Point for the 1/2 sec. cor. of secs. 31 and 36.
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.
	T23S R11W R10W 1/2 S36 S31 1959
	Asc. 40 ft. over SW. slope.
47.80	Small wash, drains SW.; asc. 130 ft. over SW. slope.
61.10	Spur, slopes SW.; desc. 50 ft. over NW. slope.
65.00	Draw, drains W.; asc. 120 ft. over SW. slope.
69.60	Spur, slopes W.; desc. 40 ft. over NW. slope.
77.00	Draw, drains SW.; asc. 60 ft. over S. slope.
80.00	Point for the cor. of secs. 25, 30, 31 and 36.
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T23S R11W R10W S25 S30 S36 S31 1959
	Land, rolling. Soil, gravelly. Timber, none.
	North, bet. secs. 25 and 30.
	Asc. 90 ft. over steep S. slope.
3.40	Spur, slopes SW.; desc. 30 ft. over NW. slope.
5.50	Head of draw, drains W.; asc. 80 ft. over SW. slope.
19.00	Spur, slopes SW.; desc. 100 ft. over NW. slope.
24.80	Draw, drains SW.; asc. 220 ft. over SW. slope.
34.90	Spur, slopes W.; desc. 60 ft. over N. slope.
38.20	Draw, drains SW.; asc. 50 ft. over SE. slope.
40.00	Point for the 1/2 sec. cor. of secs. 25 and 30.

Survey of the East Boundary of T. 23 S., R. 11 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S
R11W R10W
S25 | S30
1959

Asc. 170 ft. over SE. slope.

50.60 Spur, slopes SW.; desc. 20 ft. over NW. slope.

54.10 Draw, drains SW.; asc. 220 ft. over S. slope.

70.00 Spur, slopes NW.; desc. 70 ft. over NE. slope.

73.00 Draw, drains W.; asc. 20 ft. over S. slope.

75.00 Short spur, slopes W.; desc. NE. slope.

79.40 Draw, drains W.; asc. 30 ft. over steep slope.

80.00 Point for the cor. of secs. 19, 24, 25 and 30.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S
R11W R10W
S24 | S19
S25 | S30
1959

Land, broken.
Soil, gravelly.
Timber, none.

North, bet. secs. 19 and 24.

Asc. 310 ft. over S. slope.

12.30 Spur, slopes W.; desc. 320 ft. over NW. slope.

25.50 Draw, drains W.; asc. 360 ft. over SW. slope.

40.00 Point for the ¼ sec. cor. of secs. 19 and 24.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S
R11W R10W
S24 | S19
1959

Desc. 110 ft. over broken W. slope.

58.50 Bottom of descent; asc. 20 ft. over SW. slope.

60.30 Spur, slopes W.; desc. 330 ft. over N. slope.

80.00 Point for the cor. of secs. 13, 18, 19 and 24.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ft. base to top, with brass cap mkd.

of the East

of T. 23 S.

1.

Chains

T228
R11W R10W
S13|S18
S24|S19
1959

Land, mountainous.
Soil, rocky.
Timber, scattered juniper.

North, bet. secs. 13 and 18.

Desc. 10 ft. over N. slope.

2.70 Draw, drains W.; asc. 20 ft. over SW. slope.

10.30 Spur, slopes SW.; desc. 650 ft. over broken NW. slope.

40.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 13 and 18.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground
to bedrock, in a mound of stone, 4 ft. base to top, with brass cap
mkd.

T23S
R11W R10W
S13|S18
1959

Desc. 10 ft. over NW. slope.

40.40 Small drain, drains W.; asc. 20 ft. over S. slope.

43.90 Small spur, slopes W.; desc. 90 ft. over N. slope.

48.40 Wash, 2 ft. deep, 10 lks. wide, drains W.; asc. 90 ft. over S. slope.

59.80 Spur, slopes W.; desc. 100 ft. over N. slope.

80.00 Point for the cor. of secs. 7, 12, 13 and 18.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 15 ins. in the ground,
in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S
R11W R10W
S12|S 7
S13|S18
1959

Land, mountainous.
Soil, rocky.
Timber, scattered juniper.

North, bet. secs. 7 and 12.

Desc. 10 ft. over N. slope.

.50 Graded road, bears E. and NW. in bottom of wash, 2 ft. deep, 20 lks.
wide, drains NW.; asc. 70 ft. over S. slope.

Survey of the East Boundary of T. 23 S., R. 11 W.

Chains	
10.00	Slope changes to SE.; asc. 460 ft.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 7 and 12. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut in solid stone and in a mound of stone, 4 ft. base to top, with brass cap mkd. <div style="text-align: center;">T23S R11W R10W $\frac{1}{2}$ S12 S 7 1957</div> Asc. along steep SE. slope 260 ft.
55.80	Spur, slopes SW.; desc. 120 ft. over NW. slope.
61.60	Draw, drains SW.; asc. 220 ft. over SW. slope.
74.00	Spur, slopes SW.; desc. 170 ft. over NW. slope.
80.00	Point for the cor. of secs. 1, 6, 7 and 12. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd. <div style="text-align: center;">T23S R11W R10W <u>S 1 S 6</u> S12 S 7 1959</div> Land, mountainous. Soil, rocky. Timber, scattered juniper.
	North, bet. secs. 1 and 6. Desc. 120 ft. over steep NW. slope.
3.70	Draw, drains SW.; asc. 230 ft. over steep SE. slope.
19.90	Spur, slopes W.; desc. 430 ft. over N. slope.
32.30	Bottom of draw, drains W.; asc. 250 ft. over steep S. slope.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 1 and 6. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd. <div style="text-align: center;">T23S R11W R10W $\frac{1}{2}$ S1 S6 1956</div> Asc. 30 ft. over steep S. slope.
43.50	Spur, slopes W.; desc. 430 ft. over NW. slope.
69.80	Draw, drains NW. 1.00 ch.; thence W.; asc. 250 ft. over steep S. slope.
78.70	Spur, slopes W.; desc. 210 ft. over NW. slope.

Survey of the East

of T. 23 S., R. 11 W.

Chains

84.62

Intersect the S. bdy. of T. 22 S., R. 10 W.

Point for the closing cor. of T. 23 S., Rs. 10 and 11 W.

Set an iron post, 30 ins. long; $2\frac{1}{2}$ ins. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T22S R10W

S31

S1 | S6

C C

T23S

R11W R10W

1959

From this cor. the SW. cor. of T. 22 S., R. 10 W. bears West 22.54 chs. dist., an iron post; $2\frac{1}{2}$ ins. diam.; described in the field notes of T. 22 S., R. 10 W.

Land, mountainous.

Soil, rocky.

Timber, scattered juniper.

Survey of the South Boundary of T. 23 S., R. 11 W.

From the cor. of Tps. 23 and 24 S., Rs. 10 and 11 W., an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the field notes of T. 24 S., R. 11 W.

West, bet. secs. 1 and 36.

Over desert mountain land draining S.

1.90

Small wash, drains SE.; asc. 140 ft. over E. slope.

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top; with brass cap mkd.

T23S R11W

 $\frac{1}{4}$ S36

S 1

T24S

1959

Asc. 530 ft. over E. slope.

60.00

Crest of ridge, bears irregularly N. and S.; desc. 270 ft. over W. slope.

73.40

Draw, drains SW.; asc. 80 ft. over E. slope.

80.00

Spur, slopes S.

Point for the cor. of secs. 1, 2, 35 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S R11W

S35 | S36

S2 | S1

T24S

1959

Survey of the South Boundary of T. 23 S., R. 11 W.

Chains

Land, desert mountain.
Soil, gravelly.
Timber, scattered juniper.

West, bet. secs. 2 and 35.

Over desert mountain land covered with scattered juniper; desc. 190 ft. over W. slope.

18.00 Unimproved road in bottom of wash, bears N. and S.; wash drains S.; asc. 130 ft. over E. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 35.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S R11W

$\frac{1}{4}$ $\frac{S35}{S2}$

T24S

1959

Asc. 10 ft. over E. slope.

42.80 Spur, slopes SE.; desc. 90 ft. over W. slope.

62.60 Draw, drains SE.; asc. 230 ft. over E. slope.

74.50 Spur, slopes SE.; desc. 50 ft. over W. slope.

80.00 Point for the cor. of secs. 2, 3, 34 and 35.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S R11W

$\frac{S34}{S3}$ $\frac{S35}{S2}$

T24S

1959

Cor. falls in swale draining S.

Land, desert mountain.

Soil, gravelly.

Timber, sparse juniper.

West, bet. secs. 3 and 34.

Over high rolling land covered with sparse juniper; asc. 260 ft. over E. slope.

14.00 Spur, slopes SE.; desc. 180 ft. over W. slope.

21.20 Draw, drains SW.; asc. 290 ft. over SE. slope.

35.30 Spur, slopes SE.; desc. 70 ft. over W. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 34.

Survey of the South Boundary of T. 23 S., R. 11 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S R11W

½ S34
S 3

T20S

1959

Desc. 380 ft. over broken W. slope.

62.40 Draw, drains NW.; asc. 20 ft. over E. slope.

67.10 Short spur, slopes N.; desc. 70 ft. over W. slope.

73.50 Draw, drains NW.; asc. 70 ft. over E. slope.

80.00 Point for the cor. of secs. 3, 4, 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S R11W

S33|S34

S4|S3

T20S

1959

Land, high and rolling.

Soil, gravelly.

Timber, sparse juniper.

West, bet. secs. 4 and 33.

Over desert mountain land covered with sparse juniper; asc. 30 ft. over E. slope.

1.70 Spur, slopes N.; desc. 110 ft. over W. slope.

5.80 Draw, drains NW.; asc. 20 ft. over NE. slope.

12.50 Spur, slopes NW.; desc. 210 ft. over broken SW. slope.

26.00 Unimproved road, bears SW. and NE.; desc. 80 ft. over W. slope; leave mountains.

39.50 Wash, 3 ft. deep, 1.00 ch. wide, drains SW.

40.00 Point for the ½ sec. cor. of secs. 4 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S R11W

½ S33

S 4

T24S

1959

Desc. 50 ft. over W. slope.

48.00 Unimproved road, bears NE. and SW.; desc. 110 ft. over W. slope.

63.60 Wash, 2 ft. deep, 20 lks. wide, drains NW.; desc. 50 ft. over W. slope.

Survey of the South

of T. 23 S., R. 11 W.

Chains

80.00 Point for the cor. of secs. 4, 5, 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S R11W
S32|S33
S5|S4
T24S
1959

Land, desert mountain.
Soil, gravelly.
Timber, sparse juniper.

West, bet. secs. 5 and 32.

Desc. 100 ft. over gentle W. slope.

40.00 Point for the ¼ sec. cor. of secs. 5 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground in a collar of stone, with brass cap mkd.

T23S R11W
¼ S32
S 5
T24S
1959

Cont. descent over rolling W. slope 20 ft.

50.70 Small wash, drains N. 80° W.; desc. 50 ft. over rolling W. slope.

80.00 Point for the cor. of secs. 5, 6, 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd..

T23S R11W
S31|S32
S6|S5
T24S
1959

Land, rolling.
Soil, gravelly.
Timber, none.

West, bet. secs. 6 and 31.

Over rolling desert land; desc. 10 ft. over W. slope.

9.60 Unimproved road, bears N. and S.; desc. 50 ft. over W. slope.

40.00 Point for the ¼ sec. cor. of secs. 6 and 31.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, in a collar of stone, with brass cap mkd.

T23S R11W
¼ S31
S 6
T24S
1959

Survey of the South Boundary of T. 23 S., R. 11 W.

Chains

- Desc. 10 ft. over gentle W. slope.
- 48.00 Enter Sevier Lake bed, dry; leave vegetation.
- 80.00 Point for the 1/16 sec. cor. of secs. 6 and 31.
- Set a creosote treated wooden post, 4x4 ins., 4½ ft. long, 24 ins. in the ground, mkd. with scribe T23S R11W 1/16 S31 on N. face, T24S R11W S6 80 on S. side; deposit broken glass around post.
- 87.17 Intersect the E. bdy. of T. 23 S., R. 12 W.
- Point for the closing cor. of Tps. 23 and 24 S., R. 11 W.
- Set a wooden post, treated with creosote, 4x4 ins., 4½ ft. long, 24 ins. in the ground, mkd. T23S R11W S31 on N. face, T24S R11W S6 CC on S. face, R12W on W. face.
- Deposited broken glass around post.
- From this cor. the cor. of Tps. 23 and 24 S., R. 12 W., bears S. 3.41 chs. dist., monumented with a wooden post, set, mkd. and witnessed as described in the field notes of T. 24 S., R. 12 W.
- Land, rolling to level desert.
- Soil, clay.
- Timber, none.

Survey of a Portion of the Subdivision of T. 23 S., R. 11 W.

- From the cor. of secs. 1, 2, 35 and 36 on the S. bdy.
- N. 0° 01 W., bet. secs. 35 and 36.
- Over rolling desert land covered with sparse juniper; asc. 30 ft. over S. slope.
- 7.60 Spur, slopes W.; desc. 100 ft. over N. slope.
- 12.40 Draw, drains W.; asc. 90 ft. over S. slope.
- 17.40 Spur, slopes W.; desc. 40 ft. over N. slope.
- 20.20 Small draw, drains W.; asc. 30 ft. along W. slope.
- 37.50 Spur, slopes W.; desc. 10 ft. over N. slope.
- 40.00 Point for the ¼ sec. cor. of secs. 35 and 36.
- Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
- T23S R11W
 ¼
 S35 | S36
 1959
- Desc. 40 ft. over N. slope.
- 50.70 Base of hill, bears SW. and E.; desc. 110 ft. over steep NW. slope.
- 56.40 Unimproved road, bears NE. and SW.; desc. 20 ft. along W. slope.
- 77.50 Unimproved road, bears SE. and NW.
- 80.00 Point for the cor. of secs. 25, 26, 35 and 36.

of a Portion of the Subdivision of T. 23 S., R. 11 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T23S R11W

S26 S25

S35 S36

1959

Land, high and rolling desert.

Soil, gravelly.

Timber, sparse juniper.

From the cor. of secs. 25, 30, 31 and 36 on the E. bdy of the Tp.

S. 89° 58' W., bet. secs. 25 and 36.

Over desert mountain land; asc. 20 ft. over NE. slope.

3.90 Spur, slopes SE.; desc. 210 ft. over W. slope.

28.70 Draw, drains SE.; asc. 200 ft. over E. slope.

37.20 Spur, slopes S.; desc. 30 ft. over W. slope.

40.00 Point for the ¼ sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S R11W

¼ S25

S36

1959

Desc. 100 ft. over W. slope.

47.00 Draw, drains S. 20° W.; asc. 170 ft. over SE. slope.

56.40 Spur, slopes SW.; desc. 280 ft. over W. slope.

80.00 The cor. of secs. 25, 26, 35 and 36.

Land, desert mountain.

Soil, gravelly.

Timber, sparse juniper.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp.

N. 0° 02' W., bet. secs. 33 and 34.

Over desert mountain land draining W.; desc. 110 ft. over N. slope.

5.50 Draw, drains W.; asc. 240 ft. over S. slope.

14.90 Spur, slopes SW.; desc. 60 ft. over NW. slope.

18.90 Draw, drains SW.; asc. 170 ft. over SE. slope.

24.90 Crest of spur, projects W.; desc. 340 ft. over N. slope.

40.00 Point for the ¼ sec. cor. of secs. 33 and 34.

Survey of a Portion of the Subdivision of T. 23-S., R. 11 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S R11W

§
S33|S34
1959

Desc. 130 ft. over N. slope.

51.70 Wash, drains W.; desc. 20 ft. over N. slope.

58.00 Wash, 2 ft. deep, 20 lks. wide, drains S. 20° W.; asc. 370 ft. over S. slope.

80.00 Point for the cor. of secs. 27, 28, 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S R11W

S28|S27
S33|S34
1959

Land, desert mountain.

Soil, gravelly.

Timber, none.

N. 0° 02' W., bet. secs. 27 and 28.

Over desert mountain land draining W.; asc. 10 ft. over S. slope.

4.60 Spur, slopes W.; desc. 70 ft. over N. slope.

12.50 Slope changes to NE.; desc. 240 ft.

25.30 Draw, drains W.; asc. 100 ft. over S. slope.

32.30 Spur, slopes W.; desc. 60 ft. over N. slope.

36.80 Draw, drains W.; asc. 110 ft. over S. slope.

40.00 Point for the ¼ sec. cor. of secs. 27 and 28.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S R11W

§
S28|S27
1959

Asc. 10 ft. over S. slope.

40.40 Crest of spur, slopes W.; desc. 160 ft. over NW. slope.

71.00 Wash, 2 ft. deep, 20 lks. wide, drains W.; asc. 90 ft. over S. slope

Survey of a Portion of the Subdivision of T. 23 S., R. 11 W.

Chains

75.10	Spur, slopes W.; desc. 20 ft. over N. slope.
77.70	Unimproved road, bears SW. and NE.; desc. 50 ft. over N. slope.
80.00	Point for the cor. of secs. 21, 22, 27 and 28. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd. T23S R11W S21 S22 S28 S27 1959. Land, high and rolling. Soil, gravelly. Timber, sparse juniper.
	N. 0° 02' W., bet. secs. 21 and 22. Over rolling land draining W.; desc. 80 ft. over NW. slope.
29.10	Wash, 2 ft. deep, 20 lks. wide, drains W.; desc. along W. slope 20 ft.
40.00	Point for the ¼ sec. cor. of secs. 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground in a collar of stone, with brass cap mkd. T23S R11W ¼ S21 S22 1959 Desc. 10 ft. along W. slope.
53.80	Wash, 2 ft. deep, 30 lks. wide, drains W.; desc. 20 ft. over gentle NW. slope.
80.00	Point for the cor. of secs. 15, 16, 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd. T23S R11W S16 S15 S21 S22 1959 Land, gently rolling. Soil, gravelly. Timber, none.
	N. 0° 02' W., bet. secs. 15 and 16. Over gently rolling land; desc. 10 ft. over NW. slope.
5.40	Small wash, drains W.
19.10	Small wash, drains W.; asc. 10 ft. over gentle SW. slope.
40.00	Point for the ¼ sec. cor. of secs. 15 and 16.

Survey of a Portion of the Subdivision of T. 23 S., R. 11 W.

U. S. DEPT. OF AGRICULTURE

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.

T23S R11W

↓
S16|S15
1959

Deposit charcoal at base of iron post.

43.30 Wash, 2 ft. deep, 20 lks. wide, drains SW.; asc. 30 ft. over S. sl

80.00 Point for the cor. of secs. 9, 10, 15 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground in a collar of stone, with brass cap mkd.

T23S R11W

S 9|S10
S16|S15
1959

Land, gently rolling desert.

Soil, sandy loam mixed with gravel.

Timber, none.

N. 0° 02' W., bet. secs. 9 and 10.

Over gently rolling land draining SW.

24.40 Small wash, drains SW.

Unimproved road in bottom of same wash, bears SW. and NE.

40.00 Point for the ¼ sec. cor. of secs. 9 and 10.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.

T23S R11W

↓
S 9|S10
1959

Asc. gentle S. slope 10 ft.

43.00 Top of ascent on low spur sloping W.; desc. 50 ft. over gentle NW. slope.

80.00 Point for the cor. of secs. 3, 4, 9 and 10.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground in a collar of stone, with brass cap mkd.

T23S R11W

S4|S3
S 9|S10
1959

Land, gently rolling.

Soil, sandy loam, mixed with gravel.

Timber, none.

Survey of a Portion of the Subdivision of T. 23 S., R. 11 W.

Chains

N. 0° 02' W., bet. sec. 3 and 4.

Over gently rolling land; desc. 20 ft. over NW. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 3 and 4.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground in a collar of stone, with brass cap mkd.

T23S R11W

$\frac{1}{4}$
S4|S3
1959

Desc. 10 ft. over NW. slope.

57.30 Unimproved road, bears SW. and NE.; desc. 10 ft. over NW. slope.

72.00 Small wash, drains SW.

80.00 Point for the $\frac{1}{16}$ sec. cor. of sec. 3 and 4.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, in a collar of stone, with brass cap mkd.

T23S R11W

$\frac{1}{16}$
S4|S3
80
1959

87.79 Intersect S. bdy. of T. 22 S., R. 11 W.

Point for the closing cor. of sec. 3 and 4, T. 23 S., R. 11 W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground in a collar of stone, with brass cap mkd.

T22S R11W

$\frac{S34}{S4|S3}$
C C
T23S R11W
1959

From point of intersection the cor. of sec. 33 and 34, T. 22 S., R. 11 W. bears S. $88^{\circ} 47'$ W., 22.64 chs. dist., an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the field notes of the dependent resurvey of the S. bdy. of T. 22 S., R. 11 W.

From this same cor. the $\frac{1}{4}$ sec. cor. of sec. 34, T. 22 S., R. 11 W. bears N. $88^{\circ} 47'$ E., 17.37 chs. dist., an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the field notes of the dependent resurvey of the S. bdy. of T. 22 S., R. 11 W.

Land, gently rolling.

Soil, sandy loam, mixed with gravel.

Timber, none.

From the cor. of sec. 1, 6, 7 and 12, on the E. bdy.

West, bet. sec. 1 and 12.

On a line bet. the cor. of sec. 1, 6, 7 and 12 on the E. bdy. and the cor. of sec. 3, 4, 9 and 10 with cors. at proportionate dist.; desc. 30 ft. over NW. slope.

Survey of a Portion of the Subdivision of T. 23 S., R. 11 W.

Chains	
9.40	Wash, 3 ft. deep, 10 lks. wide, drains SW.; cont. descent over W. slope 210 ft.
36.00	Base of mountain, bears N. and S. irregularly; desc. 20 ft. over gentle W. slope.
39.97	Point for the $\frac{1}{2}$ sec. cor. of secs. 1 and 2, Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground in a mound of stone, 4 ft. base to top, with brass cap mkd. <div style="text-align: center;">T23S R11W $\frac{1}{2}$ $\frac{S\ 1}{S12}$ 1959</div>
	Desc. 230 ft. over gradual W. slope.
79.94	Point for the cor. of secs. 1, 2, 11 and 12. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground in a mound of stone, 4 ft. base to top, with brass cap mkd. <div style="text-align: center;">T23S R11W $\frac{S2\ S1}{S11\ S12}$ 1959</div> Land, high and rolling. Soil, gravelly. Timber, scattered juniper.
	West, bet. secs. 2 and 11. Over mountainous desert land; asc. gentle E. slope.
1.40	Unimproved road, bears N. and S.
2.50	Wash, 12 ins. deep, 10 lks. wide, drains SE.; asc. along E. slope 20 ft.
4.70	Base of mountains, bears NW. and SE.; asc. 170 ft. over SE. slope.
18.60	Small wash, drains SE.; asc. 410 ft. over E. slope.
39.97	Point for the $\frac{1}{2}$ sec. cor. of secs. 2 and 11, Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd. <div style="text-align: center;">T23S R11W $\frac{1}{2}$ $\frac{S\ 2}{S11}$ 1959</div>
	Asc. 90 ft. over E. slope.
50.40	Top of mountain, bears N. and S. irregularly; desc. 530 ft. over SW. slope.
67.40	Wash, 5 ft. deep, 20 lks. wide, drains SW.; desc. 20 ft. over W. slope.
79.94	Point for the cor. of secs. 2, 3, 10 and 11, Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 5 ft. base to top, with brass cap

Survey of a Portion of the Subdivision of T. 23 S., R. 11 W.

Chains

T23S R11W
S3|S2
S10|S11
1959

Land, high and rolling.
Soil, gravelly.
Timber, sparse juniper.

West, bet. secs. 3 and 10.

Over desert mountain land draining W.; desc. 250 ft. over E. slope.

13.40 Base of mountain, bears N. and S.; desc. 20 ft. over W. slope.

16.90 Wash, 8 ft. deep, 40 lks. wide, drains NW.; desc. 90 ft. over NW. slope.

39.97 Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 10,

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S R11W
 $\frac{1}{4}$ S. 3
S10
1959

Desc. 50 ft. over W. slope.

45.10 Unimproved road, bears N. and S.; desc. 130 ft. over W. slope.

74.90 Unimproved road, bears N. and S.; desc. 10 ft. over W. slope.

79.94 The cor. of secs. 3, 4, 9 and 10.

Land, desert mountain.
Soil, gravelly.
Timber, none.

From the cor. of secs. 1, 2, 11 and 12.

N. $0^{\circ} 01'$ W., bet. secs. 1 and 2.

Over land covered with shadscale and June grass.

5.40 Unimproved road, bears SW. and NE.; asc. along W. slope 20 ft.

24.10 Unimproved road, bears E. and W.; desc. 40 ft. over N. slope.

37.90 Wash, 2 ft. deep, 10 lks. wide, drains NE.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground, in a collar of stone, with brass cap mkd.

Survey of a Portion of the Subdivision of T. 23 S., R. 11 W.

Chains

T23S R11W

$\frac{1}{2}$
S2|S1
1959

Asc. 10 ft. over S. slope.

50.60

Spur, slopes NW.; desc. 40 ft. over NW. slope.

58.00

Wash, 12 ins. deep, 10 lks. wide, drains NW.; desc. 40 ft. over NW. slope.

69.30

Wash, 2 ft. deep, 15 lks. wide, drains NW.

73.40

Unimproved road, bears NW. and SE.; desc. 20 ft. over N. slope.

80.00

Point for the $\frac{1}{16}$ sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground in a collar of stone, with brass cap mkd.

T23S R11W

$\frac{1}{16}$
S2|S1
80
1959

91.08

Intersect the S. bdy. of T. 22 S., R. 11 W.

Point for the closing cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T22S R11W

S36
S2|S1
C C

T23S R11W

1959

From this cor. the $\frac{1}{4}$ sec. cor. of sec. 36, T. 22 S., R. 11 W. bears N. $88^{\circ} 47'$ E., 17.46 chs. dist. and is monumented by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the field notes of the dependent resurvey of the S. bdy. of T. 22 S., R. 11 W.

Land, rolling.

Soil, gravelly.

Timber, none.

The point for the $\frac{1}{4}$ sec. cor. of sec. 1 is on the S. bdy. of T. 22 S., R. 11 W. and is midpoint bet. the closing cor. of secs. 1 and 2, and the NE. cor. of the Tp.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.

T23S R11W

1959

From this cor. the $\frac{1}{4}$ sec. cor. of sec. 36, T. 22 S., R. 11 W. bears S. $88^{\circ} 47'$ W., 22.55 chs. dist., an iron post, $2\frac{1}{2}$ ins. diam., described in the field notes of the dependent resurvey of the S. bdy. of T. 22 S., R. 11 W.

Survey of a Portion of the Subdivision of T. 23 S., R. 11 W.

Chains

From the cor. of secs. 2, 3, 10 and 11.

N. $0^{\circ} 01'$ W., bet. secs. 2 and 3.

Over sharply rolling hills covered with shadscale and June grass; asc. 180 ft. over S. slope of mountain.

5.90 Top of ascent; desc. 360 ft. over N. slope.

23.30 Wash, 2 ft. deep, 15 lks. wide, drains W.; asc. 280 ft. over S. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground, in a mound of stone, 5 ft. base to top, with brass cap mkd.

T23S R11W

$\frac{S3}{S2}$
1959

Asc. 350 ft. over S. slope.

52.00 Top of hill; desc. 300 ft. over N. slope.

74.00 Draw, drains W.; asc. 60 ft. over S. slope.

80.00 Point for the $\frac{1}{16}$ sec. cor. of secs. 2 and 3.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S R11W

$\frac{1}{16}$
 $\frac{S3}{S2}$
80
1959

84.70 Top of ascent of hill; desc. 150 ft. over N. slope.

89.41 Intersect the S. bdy. of T. 22 S., R. 11 W.

Point for the closing cor. of secs. 2 and 3.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, in a mound of stone, 5 ft. base to top, with brass cap mkd.

T22S R11W

$\frac{S35}{S3/S2}$
C C

T23S R11W
1959

From this cor. the $\frac{1}{4}$ sec. cor. of sec. 35 on the S. bdy. of T. 22 S., R. 11 W., bears N. $88^{\circ} 47'$ E., 17.32 chs. dist. and is monumented by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the field notes of the dependent resurvey of the S. bdy. of T. 22 S., R. 11 W.

Land, desert mountain.

Soil, rocky.

Timber, sparse juniper.

Survey of a Portion of the Subdivision of T. 23 S., R. 11 W,

Chains

The point for the $\frac{1}{4}$ sec. cor. of sec. 2 is on the S. bdy. of T. 22 R. 11 W. and is midpoint bet. the closing cor. of secs. 1 and 2, and the closing cor. of secs. 2 and 3.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground in a collar of stone, with brass cap mkd.

$\frac{1}{4}$ S2
T23S R11W
1959

From this cor. the $\frac{1}{4}$ sec. cor. of sec. 35, T. 22 S., R. 11 W., bears S. $88^{\circ} 47' W.$, 22.62 chs. dist., an iron post, $2\frac{1}{2}$ ins. diam., described in the field notes of the dependent resurvey of the S. bdy. of T. 22 S., R. 11 W.

The point for the $\frac{1}{4}$ sec. cor. of sec. 3 is on the S. bdy. of T. 22 S., R. 11 W. and midpoint bet. the closing cor. of secs. 2 and 3, and the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.

$\frac{1}{4}$ S3
T23S R11W
1959

From this cor. the $\frac{1}{4}$ sec. cor. of sec. 34, T. 22 S., R. 11 W., bears S. $88^{\circ} 47' W.$, 22.66 chs. dist., an iron post, $2\frac{1}{2}$ ins. diam., described in the field notes of the dependent resurvey of the S. bdy. of T. 22 S., R. 11 W.

From the cor. of secs. 15, 16, 21 and 22.

West, bet. secs. 16 and 21.

Over rolling desert land; desc. 20 ft. over gentle W. slope.

15.60

Small wash, drains SW.; desc. 20 ft. over W. slope.

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.

T23S R11W
 $\frac{1}{4}$ S16
S21
1959

Desc. gentle W. slope 60 ft.

80.00

Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, in a collar of stone, with brass cap mkd.

T23S R11W
S17 | S16
S20 | S21
1959

Land, gently rolling.

Soil, sandy loam mixed with gravel; Timber, none.

Survey of a Portion of the Subdivision of T. 23 S., R. 11 W.

Chains

N. 0° 03' W., bet. secs. 16 and 17.

Over rolling desert land, along gentle W. slope.

2.60 Small wash, drains SW.

13.70 Small wash, drains W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, $2\frac{1}{4}$ ins. diam., 15 ins. in the ground, in a collar of stone, with brass cap mkd.

T23S R11W

$\frac{1}{4}$

S17|S16
1959

42.00 Wash, 2 ft. deep, 20 lks. wide, drains W.; asc. gentle SW. slope 20 ft.

80.00 Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, $2\frac{1}{4}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T23S R11W

S8|S9

S17|S16
1959

Raise a mound of stone, $2\frac{1}{4}$ ft. base, 20 ins. high, W. of cor.

Land, nearly level desert.

Soil, clay.

Timber, none.

From the cor. of secs. 9, 10, 15 and 16.

West, bet. secs. 9 and 16.

Desc. gentle W. slope, 60 ft.

28.90 Wash, 2 ft. deep, 10 lks. wide, drains SW.; cont. descent over gentle W. slope, 20 ft.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16.

Set an iron post, 30 ins. long, $2\frac{1}{4}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T23S R11W

$\frac{1}{4}$ $\frac{8}{9}$

S16
1959

Raise a mound of stone, $2\frac{1}{4}$ ft. base, 20 ins. high, N. of cor.; desc. gentle W. slope 20 ft.

80.00 The cor. of secs. 8, 9, 16 and 17.

Land, gently rolling.

Soil, sandy loam mixed with gravel.

Timber, none.

Survey of a Portion of the Subdivision of T. 23 S., R. 11 W.

Chains	
	From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp. N. 0° 03' W., bet. secs. 32 and 33. Over gently rolling desert land covered with shadscale and bunch grass; desc. 10 ft. over NW. slope.
2.10	Wash, 12 ins. deep, 20 lks. wide, drains W. into old lake bed; asc. along W. slope 30 ft.
40.00	Point for the 1/4 sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd. <div>T23S R11W S32 S33 1959</div>
	Asc. 20 ft. along W. slope.
48.00	Top of slope; desc. along NW. slope 30 ft.
54.70	Small drain, drains irregularly W.; desc. 30 ft. over NW. slope.
64.10	Wash, 2 ft. deep, 20 lks. wide, drains NW.; desc. 50 ft. over N. slope.
80.00	Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd. <div>T23S R11W S29 S28 S32 S33 1959</div>
	Land, gently rolling desert. Soil, clay. Timber, none.
	Independent Resurvey of a Portion of the Subdivisional Lines, T. 23 S R. 11 W. the Survey Executed by J. Gorkinski in 1880. From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp. N. 0° 03' W., bet. secs. 31 and 32; desc. 20 ft. over NW. slope.
10.50	Wash, 12 ins. deep, 10 lks. wide, drains NW.; desc. 20 ft. over gradual W. slope.
40.00	Point for the 1/4 sec. cor. of secs. 31 and 32; no evidence of the original cor. was found. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground in a collar of stone, with brass cap mkd. <div>T23S R11W S31 S32 1959</div>
	Asc. 20 ft. over gentle W. slope.
70.90	Unimproved road, bears NW. and SE.
80.00	Point for the cor. of secs. 29, 30, 31 and 32. No evidence of the original cor. was found.

of a Portion of the Subdivision of T. 23 S., R. 11 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.

T23S R11W
S30|S29
S31|S32
1959

Land, rolling.
Soil, gravelly.
Timber, none.

From the cor. of secs. 28, 29, 32 and 33, with original survey.

S. 89° 57' W., bet. secs. 29 and 32.

Over gently rolling desert land covered with low shadscale and sage.

Desc. 20 ft. over NW. slope.

14.00 Wash, 12 ins. deep, 15 lks. wide, drains NW.; desc. 40 ft. over gentle NW. slope.

40.00 Point for the ¼ sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground in a collar of stone, with brass cap mkd.

T23S R11W
¼ S29
S32
1959

Desc. 50 ft. over gentle NW. slope.

80.00 The cor. of secs. 29, 30, 31 and 32.

Land, rolling.
Soil, clay.
Timber, none.

GENERAL DESCRIPTION

A considerable variety of land and soil are found in T. 23 S., R. 11 W. The eastern portion consists mainly of the Cricket Mountains. The western and northwestern portions extend onto the Sevier Lake bed.

The elevation ranges from 4,519 feet above sea level on the lake bed to about 6,200 feet on the Beaver Mountains. The mountains are covered with scattered juniper, buckbrush, sage and bunch grass. The lowlands are covered mainly with shadscale, greasewood and June grass, while the lake bed is void of vegetation due to the amount of salt contained in the soil.

There is a graded road entering the township in the southeastern portion bet. secs. 1 and 36, which bears east and west and winds through the central portion leaving the township in the northern portion between sections 3 and 34, bearing north. A graded road enters the township on the eastern boundary between sections 7 and 12, bears east and northwest and winds along the eastern boundary of section 2, leaving the township at the north boundary of section 2 bearing northwest and southeast. Other trail roads branch from these two roads and wind throughout the township to sheep camp grounds and water

Township 23 South, Range 11

Section 1

Chains

Station

storage ponds located in a number of positions in the township.
No permanent water was noted at the time of the survey.

4-690
(Feb., 1960)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES

CAPACITY

Transitman

Notekeeper

Chainman

Cornerman

Flagman

Notekeeper

Chainman

Flagman

Cornerman

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of April, 1959, I have surveyed the east and south boundaries and independently resurveyed and surveyed a portion of the subdivision of T. 23 S., R. 11 W.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

June 2, 1960

Salt Lake City, Utah

Vern E. Lane

Cadastral Surveyor (Chief of Party)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., DEC 23 1960, 1960

The foregoing field notes of the survey of the east and south boundaries and independent resurvey and survey of a portion of the subdivison of T. 23 S., R. 11 W., Salt Lake Meridian, Utah

executed by Craig P. Sylvester, Cadastral Surveyor and Alburn D. Griffin, Cadastral Surveyor, under the supervision of Vern E. Lane, Cadastral Surveyor having been critically examined and found correct, are hereby approved.

Donner Clement
Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 23 S. R. 11 W., SLM, Utah, is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL
FIELD NOTES

OF THE

SURVEY AND INDEPENDENT RESURVEY

OF THE SOUTH BOUNDARY

SURVEY

OF THE EAST BOUNDARY

AND A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 23 SOUTH, RANGE 12 WEST

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

Vern E. Lane, Cadastral Surveyor, Chief of Party

Craig P. Sylvester, Cadastral Surveyor

Alburn D. Griffin, Cadastral Surveyor

der special instructions dated April 27, 19 59, which provided

the surveys included under Group No. 411, approved April 27, 1959

d assignment instructions dated April 30, 19 59

Survey commenced June 8, 19 59

Survey completed August 4, 19 59

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16-36770-1

Craig P. Sylvester _____

Alburn D. Griffin _____

Township 23 South, Range 12 West

Chains

The west boundary was surveyed by A. J. Stewart Jr. in 1882, and independently resurveyed by W. W. Bandy in 1925. A portion of the north boundary was surveyed by A. J. Stewart Jr. in 1882, and independently resurveyed concurrently showing in the field notes of T. 22 S., R. 12 W. A portion of the south boundary was surveyed by A. J. Stewart Jr. in 1882.

The following field notes are those of a survey of the east boundary; and survey of a portion of the subdivision of T. 23 S., R. 12 W., deemed sufficient to facilitate the development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transits Nos. 461263 and 541330, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were in good condition prior to the beginning of the survey and were maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by triangulation methods. The details of such triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude $38^{\circ} 45' 42.22''$ N. and longitude $113^{\circ} 08' 23.02''$ W., as adjusted from traverses to U. S. G. S. triangulation stations. Standard G.L.O. brass cap stamped T25S R11-12W S36/S31 1911.

S 1

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be $16^{\circ} 30'$ E.

Survey of the South . 2

Chains	<p>From the cor. of Tps. 23 and 24 S., R. 12 W., a wooden post, set, mkd. and witnessed as described in the field notes of T. 24 S., R. 12 W.</p> <p>West, bet. secs. 1 and 36.</p> <p>Over level land of Sevier Lakebed.</p>
40.00	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 36.</p> <p>Set a creosote treated wooden post, 4x4 ins., 4$\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T23S R12W $\frac{1}{4}$ S36 on N. face, T24S S1 on the S. face.</p> <p>Deposit glass around post.</p>
80.00	<p>Point for the cor. of secs. 1, 2, 35 and 36.</p> <p>Set a creosote treated wooden post, 4x4 ins., 4$\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with S35 on NW. face, T23S R12W S36 on NE. face, T24S S1 on SE. face, and S2 on SW. face.</p> <p>Deposit glass around post.</p> <p>Land, level. Soil, clay and alkali. Timber, none.</p>
	<p>West, bet. secs. 2 and 35.</p> <p>Over level bottom of Sevier Lakebed.</p>
40.00	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 35.</p> <p>Set a creosote treated wooden post, 4x4 ins., 4$\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T23S R12W $\frac{1}{4}$ S35 on N. face, T24 S S2 on S. face.</p> <p>Deposit glass around post.</p>
80.00	<p>Point for the cor. of secs. 2, 3, 34 and 35.</p> <p>Set a creosote treated wooden post, 4x4 ins., 4$\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T23S R12W S34 on NW. face, S35 on NE. face, S2 on SE. face, and T24S S3 on SW. face.</p> <p>Deposit glass around post.</p> <p>Land, level. Soil, clay and alkali. Timber, none.</p>
	<p>West, bet. secs. 3 and 34.</p> <p>Over level bottom of Sevier Lake bed.</p>
40.00	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 34. No evidence of the original cor. was found.</p> <p>Set a creosote treated woodn post, 4x4 ins., 4$\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T23S R12W $\frac{1}{4}$ S34 on N. face and T24S S3 on S. face.</p> <p>Deposit glass around post.</p>
	<p>Independent Resurvey superseding the survey executed by A. J. Stewart Jr. in 1882. No evidence of original cors. was found along this bdy.</p>
80.00	<p>Point for the cor. of secs. 3, 4, 33 and 34.</p>

Resurvey of S. T. 23 S. R. 12 W.

Chains

Set a creosote treated wooden post, 4x4 ins., 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W S33 on NW. face, S34 on NE. face, S3 on SE. face, T24S S4 on SW. face.

Deposit glass around post.

Land, level lake bed.

Soil, clay and alkali.

Timber, none.

West, bet. secs. 4 and 33.

Over level bed of Sevier Lake bed.

40.00 Point for the ¼ sec. cor. of secs. 4 and 33.

Set a creosote treated wooden post, 4x4 ins., 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W ¼ S33 on N. face, T24S S4 on S. face.

Deposit glass around post.

72.00 W. shore of Sevier Lake, bears N. and S. irregularly; asc. 10 ft. over gentle NE. slope of low spur extending SE. into lake bed.

80.00 Point for the cor. of secs. 4, 5, 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd.

T23S R12W

S32 | S33

S5 | S4

T24S

1959

Cor. falls on top of low spur.

Land, level lake bed and rolling W. shore of lake.

Soil, clay and alkali.

Timber, none.

West, bet. secs. 5 and 32.

Over rolling W. shore of Sevier Lake; desc. 10 ft. over SW. slope of spur extending SW. into lake bed.

16.00 Enter lake bed.

40.00 Point for the ¼ sec. cor. of secs. 5 and 32.

Set a creosote treated wooden post, 4x4 ins., 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W ¼ S32 on N. face, T24S S5 on S. face.

Deposit glass around post.

Cont. over level lake bed.

70.10 Small wash, drains SE., enters lake bed; asc. 10 ft. over gentle SE. slope on W. shore of lake.

Independent Resurvey, S. bdy., T. 23 S., R. 12 W.

Chains

80.00

Point for the cor. of secs. 5, 6, 31 and 32.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground in a collar of stone, with brass cap mkd.

T23S R12W

S31 | S32S6 | S5

T24S

1959

Land, rolling W. shore of lake and level lake bed.
Soil, clay, alkali and sand on lake shore.
Timber, none.

West, bet. secs. 6 and 31.

Over rolling land on W. shore of Sevier Lake; asc. 25 ft. over gentle SE. slope.

8.00 Top of bank, bears NE. and SW.; asc. gentle E. slope.

13.00 Small wash, drains SE.; asc. 60 ft. over gentle E. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 6 and 31.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground in a collar of stone, with brass cap mkd.

T23S R12W

 $\frac{1}{4}$ S31S 6

T24S

1959

Asc. 20 ft. over gentle E. slope.

44.30 Rise, bears NW. and SE.; desc. 20 ft. over gentle SW. slope.

53.40 Unimproved road, bears NE. and SW.; asc. 10 ft. over gentle E. slope.

75.34 The cor. of Tps. 23 and 24 S., Rs. 12 and 13 W., an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

Land, rolling E. slope.
Soil, sand and clay
Timber, none.

Survey of the East Boundary of T. 23 S., R. 12 W.

From the cor. of Tps. 23 and 24 S., R. 12 W.

N. along the E. bdy. of sec. 36.

Over level land of Sevier Lake bed.

3.41 The closing cor. of Tps. 23 and 24 S., R. 11 W., a wooden post 4x4 ins., set, mkd. and witnessed as described in the field notes of T. 24 S., R. 11 W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 36, T. 23 S., R. 12 W. only.

Set a creosote treated wooden post, 4x4 ins., $4\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T23S R12W $\frac{1}{4}$ S36 on the W. face, R11W on E. face.

Deposit glass around post.

Survey, E. Bdy., T. 23 S., R. 12 W.

Chains

- 43.41 Point for the $\frac{1}{4}$ sec. cor. of sec. 31, T. 23 S., R. 11 W. only.
 Set a creosote treated wooden post, 4x4 ins. $4\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T23S R11W $\frac{1}{4}$ S31 on E. face, R12W on W. face.
 Deposit glass around post.
- 80.00 Point for the cor. of secs. 25 and 36, T. 23 S., R. 12 W. only.
 Set a creosote treated wooden post, 4x4 ins. $4\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T23S R12W S25 on NW. face, S36 on SW. face, R11W on NE. face.
 Deposit broken glass around post.
 Land, level lake bed.
 Soil, clay and alkali.
 Timber, none.
 Vegetation, none.
-
- North, along the E. bdy. of sec. 25.
 Over level land of Sevier Lake bed.
- 3.41 Point for the cor. of secs. 30 and 31, T. 23 S., R. 11 W. only.
 Set a creosote treated wooden post, 4x4 ins. $4\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T23S R11W S30 on NE. face, S31 on SE. face R12W on NW. face.
 Deposit broken glass around post.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 25, T. 23 S., R. 12 W. only.
 Set a creosote treated wooden post, 4x4 ins. $4\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T23S R12W $\frac{1}{4}$ S25 on W. face, R11W on E. face.
 Deposit broken glass around post.
- 43.41 Point for the $\frac{1}{4}$ sec. cor. of sec. 30, T. 23 S., R. 11 W. only.
 Set a creosote treated wooden post, 4x4 ins. $4\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T23S R11W $\frac{1}{4}$ S30 on E. face, R12W on W. face.
 Deposit broken glass around post.
- 80.00 Point for the cor. of secs. 24 and 25, T. 23 S., R. 12 W. only.
 Set a creosote treated wooden post, 4x4 ins. $4\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T23S R12W S24 on NW. face, S25 on SW. face, R11W on SE. face.
 Deposit glass around post.
 Land, level lake bed.
 Soil, clay and alkali.
 Timber, none.
 Vegetation, none.
-
- North, along E. bdy. of sec. 24.
 Over level land of Sevier Lake bed.
- 3.41 Point for the cor. of secs. 19 and 30, T. 23 S., R. 11 W. only.

S. E. T. 23 S. R. 12 W.

Chains

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R11W S19 on the NE. face, S30 on SE. face, R12W on the SW. face.

Deposit glass around post.

40.00

Point for the ¼ sec. cor. of sec. 24, T. 23 S., R. 12 W. only.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W ¼ S24 on W. face, R11W on E. face.

Deposit glass around post.

43.41

Point for the ¼ sec. cor. of sec. 19, T. 23 S., R. 11 W. only.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R11W ¼ S19 on E. face, R12W on W. face.

Deposit broken glass around post.

80.00

Point for the cor. of secs. 13 and 24, T. 23 S., R. 12 W. only.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W S13 on NW. face, S24 on SW. face, R11W on NE. face.

Deposit glass around post.

Land, level lake bed.

Soil, clay and alkali.

Timber, none.

Vegetation, none.

North, along the E. bdy. of sec. 13.

Over level land of Sevier Lake bed.

3.41

Point for the cor. of secs. 18 and 19, T. 23 S., R. 11 W. only.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R11W S18 on NE. face, S19 on SW. face, R12W on NW. face.

Deposit glass around post.

40.00

Point for the ¼ sec. cor. of sec. 13, T. 23 S., R. 12 W. only.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W ¼ S13 on W. face, R11W on E. face.

Deposit glass around post.

43.41

Point for the ¼ sec. cor. of sec. 18, T. 23 S., R. 11 W. only.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R11W ¼ S18 on E. face, R12W on W. face.

Deposit glass around post.

80.00

Point for the cor. of secs. 12 and 13, T. 23 S., R. 12 W. only.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W S12 on NW. face, S13 on SW. face, R11W on NE. face.

Survey, E. T. 23 S. R. 12 W.

Chains

Deposit glass around post.

Land, level lake bed.

Soil, clay and alkali.

Timber, none.

Vegetation, none.

North, along the E. bdy. of sec. 12.

Over level land of Sevier Lake bed.

3.41 Point for the cor. of secs. 7 and 18, T. 23 S., R. 11 W. only.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R11W S7 on NE. face, S18 on SE. face, R12W on NW. face.

Deposit glass around post.

40.00 Point for the ¼ sec. cor. of sec. 12, T. 23 S., R. 12 W. only.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W ¼ S12 on W. face, R11W on E. face.

Deposit glass around post.

43.41 Point for the ¼ sec. cor. of sec. 7, T. 23 S., R. 11 W. only.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R11W ¼ S7 on E. face, R12W on W. face.

Deposit glass around post.

80.00 Point for the cor. of secs. 1 and 12, T. 23 S., R. 12 W. only.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W S1 on NW. face, S12 on SW. face, R11W on NE. face.

Deposit glass around post.

Land, level lake bed.

Soil, clay and alkali.

Timber, none.

Vegetation, none.

North, along the E. bdy. of sec. 1.

3.41 Point for the cor. of secs. 6 and 7, T. 23 S., R. 11 W. only.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R11W S6 on NE. face, S7 on SE. face, R12W on NW. face.

Deposit glass around post.

40.00 Point for the ¼ sec. cor. of sec. 1, T. 23 S., R. 12 W. only.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W ¼ S1 on W. face, R11W on E. face.

Deposit glass around post.

43.41 Point for the ¼ sec. cor. of sec. 6, T. 23 S., R. 11 W. only.

, E. Bdy., T. 23 S., R. 12 W.

Chains	<p>Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R11W ¼ S6 on E. face, R. 12 W. on W. face.</p> <p>Deposit glass around post.</p>
80.17	<p>Point for the cor. of Tps. 22 and 23 S., R. 12 W. only, at a position E. of the cor. of Tps. 22 and 23 S., Rs. 12 and 13 W. in accordance with the special instructions.</p> <p>Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T22S R12W S36 on NW. face, T23S S1 on SW. face, R11W on NE. face.</p> <p>Deposit glass around post.</p> <p>Land, level lake bed. Soil, clay and alkali. Timber, none. Vegetation, none.</p>
Survey of a Portion of the Subdivision, T. 23 S., R. 12 W.	
	<p>From the cor. of secs. 4, 5, 32 and 33, on the S. bdy.</p> <p>N. 0° 03' W., bet. secs. 32 and 33.</p> <p>Over rolling clay dunes on S. shore of Sevier Lake bed, covered with scattered greasewood; desc. 10 ft. over N. slope.</p>
11.00	<p>S. shore line of Sevier Lake bed, bears E. and NW. irregularly, leave vegetation, thence over level lake bed.</p>
40.00	<p>Point for the ¼ sec. cor. of secs. 32 and 33.</p> <p>Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W ¼ S32 on W. face, S33 on E. face.</p> <p>Deposit glass around post.</p>
80.00	<p>Point for the cor. of secs. 28, 29, 32 and 33.</p> <p>Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W S32 on SW. face, S33 on SE. face, S28 on NE. face, and S29 on NW. face.</p> <p>Land, rolling lake shore and level lake bed. Soil, clay and alkali. Timber, none.</p>
	<p>N. 0° 03' W., bet. secs. 28 and 29.</p> <p>Over level land of Sevier Lake bed.</p>
20.40	<p>S. edge of peninsula extending E. into Sevier lake bed, bears E. and W. irregularly, thence across peninsula.</p>
40.00	<p>Point for the ¼ sec. cor. of secs. 28 and 29.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground and in a collar of stone, with brass cap mkd.</p>

Portion of Subdivision, T. 23 S., R. 12 W.

Chains

T23S R12W

S29 S28

1959

Cont. over peninsula.

54.60 N. shore of same peninsula bears E. and NW. irregularly; thence across Sevier Lake bed.

80.00 Point for the cor. of secs. 20, 21, 28 and 29.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W S29 on SW. face, S20 on NW. face, S21 on NE. face, and S28 on SE. face.

Deposit glass around post.

Land, rolling on peninsula and level lake bed.

Soil, clay and alkali.

Timber, none.

N. 0° 03' W., bet. secs. 20 and 21.

Over level land of Sevier Lake bed.

40.00 Point for the ¼ sec. cor. of secs. 20 and 21.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W ¼ S21 on E. face, S20 on W. face.

Deposit glass around post.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W S21 on SE. face, S20 on SW. face, S17 on NW. face, and S16 on NE. face.

Deposit glass around post.

Land, level lake bed.

Soil, clay and alkali.

Timber, none.

Vegetation, none.

N. 0° 03' W., bet. secs. 16 and 17.

Over level land of Sevier Lake bed.

40.00 Point for the ¼ sec. cor. of secs. 16 and 17.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23 S R12W ¼ S17 on W. face, S16 on E. face.

Deposit glass around post.

80.00 Point for the cor. of secs. 8, 9, 16 and 17.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W S16 on SE. face, S9 on NE. face, S8 on NW. face and S17 on SW. face.

Deposit glass around post.

Survey, Portion of Subdivision. T. 23 S. R. 12 W.

Chains	Land, level lake bed. Soil, clay and alkali. Timber, none. Vegetation, none.
	N. 0° 03' W., bet. secs. 8 and 9. Over level land of Sevier Lake bed.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 8 and 9. Set a creosote treated wooden post, 4x4 ins. $4\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T23S R12W $\frac{1}{4}$ S8 on W. face, S9 on E. face. Deposit glass around post.
80.00	Point for the cor. of secs. 4, 5, 8 and 9. Set a creosote treated wooden post, 4x4 ins. $4\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T23S R12W S8 on SW. face, S5 on NW. face, S4 on NE. face, and S9 on SE. face. Deposit glass around post. Land, level lake bed. Soil, clay and alkali. Timber, none. Vegetation, none.
	N. 0° 01' E., bet. secs. 4 and 5. Over level land of Sevier Lake bed.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 4 and 5. Set a creosote treated wooden post, 4x4 ins. $4\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T23S R12W S4 on E. face, and S5 on W. face. Deposit glass around post.
80.15	The cor. of secs. 4, 5, 32 and 33 on the N. bdy. Land, level lake bed. Soil, clay and alkali. Timber, none. Vegetation, none.
	From the cor. of secs. 16, 17, 20 and 21. East, bet. secs. 16 and 21. Over level land of Sevier Lake bed, through deep mud.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21. Set a creosote treated wooden post, 4x4 ins. $4\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T23S R12W $\frac{1}{4}$ S16 on N. face, S21 on S. face. Deposit broken glass around post.
80.00	Point for the cor. of secs. 15, 16, 21 and 22.

Survey, Portion of Subdivision, T. 23 S., R. 12 W.

Chains

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W S16 on NW. face, S15 on NE. face, S22 on SE. face and S21 on SW. face.

Deposit broken glass around post.

Land, level lake bed.

Soil, muddy clay and alkali.

Timber, none.

Vegetation, none.

N. 0° 02' W., bet. secs. 15 and 16, by triangulation.

Over level land of Sevier Lake bed, through deep mud.

40.00 Point for the ¼ sec. cor. of secs. 15 and 16 falls in inaccessible mud and was not monumented.

80.00 Point for the cor. of secs. 9, 10, 15 and 16.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W S16 on SW. face, S9 on NW. face, S10 on NE. face and S15 on SE. face.

Deposit broken glass around post.

Land, level lake bed.

Soil, clay and alkali mud.

Vegetation, none.

West, bet. secs. 9 and 16, by triangulation.

Over level land of Sevier Lake bed, covered with deep mud.

40.00 Point for the ¼ sec. cor. of secs. 9 and 16.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W ¼ S9 on N. face, and S16 on S. face.

Deposit glass around post.

80.00 The cor. of secs. 8, 9, 16 and 17.

Land, level lake bed.

Soil, clay and alkali mud.

Vegetation, none.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy.

N. 0° 01' W., bet. secs. 35 and 36.

Over level land of Sevier Lake bed.

40.00 Point for the ¼ sec. cor. of secs. 35 and 36.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W ¼ S35 on W. face, S36 on E. face.

80.00 Point for the cor. of secs. 25, 26, 35 and 36.

Survey - Portion of Subdivision, T. 23 S. R. 12 W.

Chains

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W S36 on the SE. face, S35 on SW. face, S26 on NW. face and S25 on NE. face.

Land, level lake bed.
Soil, clay and alkali.
Timber, none.
Vegetation, none.

From the cor. of secs. 25 and 36, on the E. bdy.

West, bet. secs. 25 and 36.

Over level land of Sevier Lake bed.

40.00 Point for the ¼ sec. cor. of secs. 25 and 36.

Set a creosote treated wooden post, 4x4 ins. 4½ ft. long, 24 ins. in the ground, scribed with T23S R12W ¼ S25 on N. face, S36 on S. face.

Deposit glass around post.

80.00 The cor. of secs. 25, 26, 35 and 36.

Land, level lake bed.
Soil, clay and alkali.
Timber, none.
Vegetation, none.

From the cor. of secs. 5, 6, 31 and 32.

N. 0° 03' W., bet. secs. 31 and 32.

Over rolling desert land, covered with shadscale; asc. 25 ft. over gentle SE. slope, through clay dunes.

13.60 Wash, 20 lks. wide, 5 ft. deep, drains SE.; asc. gentle SE. slope.

19.50 Leave clay dunes; asc. 30 ft. over gentle SE. slope of bench land.

40.00 Point for the ¼ sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground and in a collar of stone, with brass cap mkd.

T23S R12W

¼
S31 | S32
1959

Asc. 15 ft. over gentle SE. slope.

64.00 Rise, slopes E.; desc. 15 ft. over gentle E. slope.

80.00 Point for the cor. of secs. 29, 30, 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground and in a collar of stone, with brass cap mkd.

T23S R12W

S30 | S29
S31 | S32
1959

Portion of Subdivision, T. 23 S. R. 12 W.

Chains

Land, rolling desert.
Soil, clay, some gravel spots.
Timber, none.

From the cor. of secs. 28, 29, 32 and 33.

S. 89° 59' W., bet. secs. 29 and 32.

Over level land of Sevier Lake bed.

16.00 W. shore line of Sevier Lake bed; asc. 20 ft. over rolling clay dunes.

26.10 Leave dunes; asc. 10 ft. over gentle E. slope.

40.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T23S R12W

$\frac{529}{512}$
1959

Deposit glass with post, no other accessories.

Asc. 30 ft. over gentle E. slope.

80.00 The cor. of secs. 29, 30, 31 and 32.

Land, level lake bed and gentle E. slope.
Soil, clay, sand and gravel.
Timber, none.

General Description

T. 23 S., R. 12 W. consists of muddy Sevier Lake bed with the exception of a strip about one and one half miles wide on the west side of the township, which consists of rolling desert land draining east into the lake bed. This portion can be traveled with four wheel drive vehicle, mud prevents travel on the lake bed.

The vegetation consists of shadscale, scattered bunch grass and greasewood on the west portion. No vegetation grows on the lake bed.

The soil is clay and sand with gravel spots on the west portion, and muddy clay mixed with alkali on the lake bed.

The elevation varies from about 4,519 feet to 4,650 feet above sea level.

No permanent water was noted during the survey.

Chains

FIELD ASSISTANTS

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the 27th day of April, 1959,
I have ~~executed~~ supervised the survey and independent resurvey of the south boundary;
the survey of the east boundary; and the survey of a portion of the subdivision of
T. 23 S., R. 12 W.

of the Salt Lake Meridian, in the State of Utah, which are
under my supervision
represented in the foregoing field notes as having been executed ~~by me and under my direction~~; and that
the survey has been made in strict conformity with said instructions, the Manual of Instructions for the
Survey of the Public Lands of the United States, and in the specific manner described in the foregoing
field notes.

Salt Lake City, Utah

May 25, 1960

Vern E. Lane - Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., DEC 23 1960, 1960

The foregoing field notes of the survey ~~xx~~ and independent resurvey of the south boundary;
the survey of the east boundary; and the survey of a portion of the subdivision of
T. 23 S., R. 12 W., Salt Lake Meridian, Utah

Craig I. Sylvester, Cadastral Surveyor

checked by Alburn D. Griffin, Cadastral Surveyor, under the supervision of
Vern E. Lane, Cadastral Surveyor

having been critically examined and found correct, are hereby approved.

Donald
Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above described surveys in

is a true copy of the original field notes.

Donald
Cadastral Engineering Staff Officer.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL
FIELD NOTES

OF THE
DEPENDENT RESURVEY
OF THE
SOUTH AND WEST BOUNDARIES
AND THE SURVEY
OF A PORTION OF THE SUBDIVISION
OF
TOWNSHIP 24 SOUTH, RANGE 8 WEST

Of the Salt Lake *Meridian,*
the State of Utah

EXECUTED BY

Vern E. Lane, Cadastral Surveyor, Chief of Party
Alburn D. Griffin, Cadastral Surveyor

er special instructions dated April 27 *, 19 59 , which provided*
the surveys included under Group No. 411 *, approved April 27, 1959*
assignment instructions dated April 30 *, 19 59*

Survey commenced July 9 *, 19 59*
Survey completed July 31 *, 19 59*

INDEX DIAGRAM

Township 24 South, Range 8 West

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Township 24. South, Range 8 West

Chairs

The east boundary was surveyed by A. J. Stewart Jr. in 1882, and resurveyed by Howard W. Miller in 1917 and is described in the field notes of T. 24 S., R. 7 W. The south boundary was surveyed in 1882 by A. J. Stewart Jr. and dependently resurveyed concurrently. The north boundary was independently resurveyed by A. J. Stewart Jr. and Thompson in 1915 and is described in the field notes of T. 23 S., R. 8 W. The west boundary was surveyed by A. J. Stewart Jr. in 1882 and dependently resurveyed concurrently.

The following field notes are those of a dependent resurvey of the south and west boundaries and survey of a portion of the subdivision of T. 24 S., R. 8 W., deemed sufficient to facilitate the development of the natural resources and mark the boundaries of those sections that are normally considered state school sections.

Before restoring the corners the lines of the original survey were retraced and diligent search made for any evidence of the original corners. The rules of proportionate measurement were applied to ascertain the position of the lost corners after every reasonable possibility of finding direct evidence of the corners had been exhausted.

The survey was executed with W. & L. E. Gurley Solar Transit No. 541330 constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude $38^{\circ} 40' 27.7''$ N. and longitude $112^{\circ} 41' 28.7''$ W. as adjusted from traverses to U. S. G. S. triangulation station. Standard G.L.O., brass cap stamped T25S R11-12W S36|S31, 1911.

S 1

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be $16^{\circ} 30' E.$

Dependent Resurvey N. Bdy., T. 25 S., R. 8 W.

Chains

Dependent Resurvey of the North Boundary of T. 25 S., R. 8 W., with the Reestablishment of New Corners for T. 24 S., R. 8 W. at Regular Intervals in Westing.

Reestablishing the survey of Andrew J. Stewart, 1882.

From the closing cor. of Tps. 24 and 25 S., R. 8 W., a 3 in. iron post set, mkd. and witnessed as described in the official record.

S. 88° 40' W., along the N. bdy. of sec. 1.

Asc. 80 ft. over E. slope.

19.50 Ridge, bears N. and S.; desc. gentle W. slope, 20 ft.

23.00 Swale, drains N.; asc. 60 ft. over gentle SE. slope.

40.01 Point for the $\frac{1}{2}$ sec. cor. of sec. 36, T. 24 S., R. 8 W. only, 40.00 chs. westing.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground and in a mound of stone, $3\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T24S R8W

$\frac{1}{2}$ S36

1959

Asc. 10 ft. over gentle SE. slope.

41.64 The original $\frac{1}{2}$ sec. cor. of secs. 1 and 36, a lava stone 10x10x2 ins. mkd. $\frac{1}{2}$, firmly set. This cor. will now function as the $\frac{1}{2}$ sec. cor. of sec. 1, T. 25 S., R. 8 W. only.

At the same point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground and in a mound of stone, $3\frac{1}{2}$ ft. base, to top, with brass cap mkd.

$\frac{1}{2}$ S 1

T25S R8W

1959

Deposit original cor. N. of iron post.

N. 88° 04' W., along the N. bdy. of sec. 1, beginning new measurement.

Asc. 170 ft. over SE. slope.

38.39 Point for the cor. of secs. 35 and 36, T. 24 S., R. 8 W. only, 40.00 chs. westing.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R8W

S35|S36

1959

40.48 The original cor. of secs. 1, 2, 35 and 36, a lava stone 10x10x10 ins. mkd. with 1 chisel mark on E. face, 5 marks on W. face. This cor. will now function as the cor. of secs. 1 and 2, T. 25 S., R. 8 W. only.

At the same point.

t N. ., T. 25 S., R. 8 W.

Chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

S 2 | S 1
T25S R8W
1959

Deposit original cor. N. of iron post.

Land, mountainous.

Soil, sandy loam mixed with lava stone.

Timber, scattered juniper and pinon.

N. $88^{\circ} 47'$ W., along the N. bdy. of sec. 2.

Asc. 40 ft. over E. slope.

12.50 Ridge, bears N. and S.; desc. 20 ft. over W. slope.

20.00 Draw, drains SE.; asc. 30 ft. over E. slope.

26.00 Ridge, bears NW. and SE.; desc. 30 ft. over gentle W. slope.

37.92 Point for the $\frac{1}{4}$ sec. cor. of sec. 35, T. 24 S., R. 8 W. only, 40.00 chs. westing.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R8W
 $\frac{1}{4}$ S35
1959

40.08 The original $\frac{1}{4}$ sec. cor. of secs. 2 and 35, a lava stone $12 \times 8 \times 6$ ins. mkd. $\frac{1}{4}$, firmly set. This cor. will now function as the $\frac{1}{4}$ sec. cor. of sec. 2, T. 25 S., R. 8 W. only.

At this same point,

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.

$\frac{1}{4}$ S 2
T25S R8W
1959

Deposit original cor. N. of iron post.

S. $89^{\circ} 11'$ W., along the N. bdy. of sec. 2, beginning new measurement.

Asc. 130 ft. over SE. slope.

32.40 Ridge, bears N. and S.; desc. 10 ft. over W. slope.

37.84 Point for the cor. of secs. 34 and 35, T. 24 S., R. 8 W. only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

Dependent Resurvey, N. Bdy., T. 25 S., R. 8 W.

Chains		T24S R8W <u>S34 S35</u> 1959
		Desc. 50 ft. over W. slope to bottom of draw, draining SW.
40.60		Point for the cor. of secs. 2 and 3, T. 25 S., R. 8 W. only. There is no remaining evidence of original cor.
		At a proportionate dist.
		Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground and in a collar of stone, with brass cap mkd.
		<u>S 3 S 2</u> T25S R8W 1959
		Land, mountainous. Soil, rocky. Timber, medium dense juniper and pinon.
		S. $89^{\circ} 11'$ W., along the N. bdy. of sec. 3, Over mountainous land covered with dense sage. Asc. 30 ft. over SE. slope.
10.00		Spur, slopes SW.; desc. 10 ft. over NW. slope.
12.70		Head of small draw, drains N.; asc. 20 ft. over E. slope.
15.20		Ridge, bears N. and S.; desc. 120 ft. over W. slope.
34.40		Draw, drains NW.; asc. 20 ft. over NE. slope.
37.24		Point for the $\frac{1}{4}$ sec. cor. of sec. 34, T. 24 S., R. 8 W., only. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd.
		T24S R8W <u>$\frac{1}{4}$ S34</u> 1959
		Asc. 30 ft. over NE. slope.
40.60		Point for the $\frac{1}{4}$ sec. cor. of sec. 3, T. 25 S., R. 8 W. only; at proportionate dist.; there is no remaining evidence of original cor. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock and in a mound of stone, 4 ft. base, to top, with brass cap mkd.
		<u>$\frac{1}{4}$ S 3</u> T25S R8W 1959
		Asc. 50 ft. over NE. slope.
63.10		Spur, slopes N.; desc. 120 ft. over W. slope.
77.24		Point for the cor. of secs. 33 and 34, T. 24 S., R. 8 W. only. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

Dependent Resurvey, N. Bdy., T. 25 S., R. 8 W.

Chains

T24S R8W

S33|S34

1959

81.20 Point for the cor. of secs. 3 and 4, T. 25 S., R. 8 W. only, at proportionate dist.; there is no remaining evidence of original cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.

S 4 | S 3

T25S R8W

1959

Land, mountainous.

Soil, clay loam mixed with lava stone.

Timber, medium dense juniper and pinon.

S. $89^{\circ} 11' W.$, along the N. bdy. of sec. 4.

Over mountainous land covered with dense sage.

Desc. 100 ft. over NW. slope.

20.00 Unimproved road, bears N. and S.; asc. 160 ft. over E. slope.

31.50 Ridge, bears N. and S.; desc. 10 ft. over gentle W. slope.

36.04 Point for the $\frac{1}{4}$ sec. cor. of sec. 33, T. 24 S., R. 8 W. only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground and in a mound of stone, $3\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T24S R8W

 $\frac{1}{4}$ S33

1959

Desc. 10 ft. over gentle W. slope.

47.60 Point for the $\frac{1}{4}$ sec. cor. of sec. 4, T. 25 S., R. 8 W. only, at proportionate dist.; there is no remaining evidence of original cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

 $\frac{1}{4}$ S 4

T25S R8W

1959

Desc. 150 ft. over gentle W. slope.

76.04 Point for the cor. of secs. 32 and 33, T. 24 S., R. 8 W., only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T24S R8W

S32|S33

1959

Desc. 30 ft. over W. slope.

81.20 Point for the cor. of secs. 4 and 5, T. 25 S., R. 8 W. only, at proportionate dist.; there is no remaining evidence of original cor.

Dependent Resurvey, N. Bdy., T. 25 S., R. 8 W.

Chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

$\begin{array}{r} \hline S\ 5\ S\ 4 \\ T25S\ R8W \\ 1959 \end{array}$

Land, mountainous.
Soil, sandy loam mixed with lava stone.
Timber, scattered juniper.

S. $89^{\circ} 11'$ W., along the N. bdy. of sec. 5.

Desc. 220 ft. over W. slope.

34.84 Point for the $\frac{1}{4}$ sec. cor. of sec. 32, T. 24 S., R. 8 W. only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

$\begin{array}{r} T24S\ R8W \\ \frac{1}{4}\ S32 \\ 1959 \end{array}$

Desc. 10 ft. over W. slope.

40.60 Point for the $\frac{1}{4}$ sec. cor. of sec. 5, T. 25 S., R. 8 W. only, at proportionate dist.; there is no remaining evidence of original cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

$\begin{array}{r} \frac{1}{4}\ S\ 5 \\ T25S\ R8W \\ 1959 \end{array}$

Desc. 100 ft. over W. slope.

74.84 Point for the cor. of secs. 31 and 32, T. 24 S., R. 8 W. only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

$\begin{array}{r} T24S\ R8W \\ S31\ S32 \\ 1959 \end{array}$

Desc. 20 ft. over W. slope.

81.20 Point for the cor. of secs. 5 and 6, T. 25 S., R. 8 W. only, at proportionate dist.; there is no remaining evidence of original cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground and in a mound of stone, $3\frac{1}{2}$ ft. base, to top, with brass cap mkd.

$\begin{array}{r} S\ 6\ S\ 5 \\ T25S\ R8W \\ 1959 \end{array}$

Land, mountainous.
Soil, sandy loam mixed with lava stone.
Timber, scattered juniper and pinon.

Dependent Resurvey, N. Bdy., T. 25 S., R. 8 W.

Chains

899.113 W., along the N. bdy. of sec. 6.

Desc. 50 ft. over gentle W. slope covered with dense sagebrush.

25.10 Unimproved road, bears N. and S.; desc. 20 ft. over W. slope.

33.64 Point for the $\frac{1}{4}$ sec. cor. of secs. 31, T. 24 S., R. 8 W. only.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T24S R8W

 $\frac{1}{4}$ S31

1959

Deposit charcoal at base of iron post.

40.60 Point for the $\frac{1}{4}$ sec. cor. of sec. 6, T. 25 S., R. 8 W. only, at proportionate dist.; there is no remaining evidence of original cor.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd. $\frac{1}{4}$ S 6

T25S R8W

1959

Deposit charcoal at base of iron post,

Desc. 20 ft. over gentle W. slope.

70.70 Wash, 50 lks. wide, 3 ft. deep, drains SE.

82.62 The original Tp cor. of Tps. 24 and 25 S., Rs. 8 and 9 W.

A sandstone 10x12x4 ins., firmly set and plainly mkd.

At the same point.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S

R9W R8W

S36 | S31

S 1 | S 6

T25S

1959

Deposit original cor. N. of iron post.

Land, rolling.

Soil, sandy loam mixed with lava stone.

Timber, none.

Undergrowth, dense sagebrush.

Dependent Resurvey of the East Boundary of T. 24 S., R. 9 W.

Dependent Resurvey reestablishing the survey of Andrew J. Stewart Jr. in 1882.

Establishing cors. for the W. bdy. of T. 24 S., R. 8 W. at 40.00 and 80.00 chs. northing, with the cor. of secs. 30 and 31, T. 24 S., R. 8 W., at 83.99 chs. northing at a position calculated to intersect a sectional correction line extended W. from the cor. of secs. 25 and 36 on the E. bdy.

Dependent Resurvey, E. Bdy., T. 24 S., R. 9 W.

Chains

From the cor. of Tps. 24 and 25, Rs. 8 and 9, previously described.

N. 0° 02' W., along the E. Bdy. of sec. 36.

Over slightly rolling land, draining SE.

21.80 Wash, 5 ft. deep, 50 lks. wide, drains SE.; asc. 10 ft. over gentle S. slope.

40.25 The original $\frac{1}{4}$ sec. cor. of secs. 31 and 36, mkd. $\frac{1}{4}$ on face of sandstone 10x10x6 ins. in collar of stone; this cor. will now function as the $\frac{1}{4}$ sec. cor. of sec. 36, T. 24 S., R. 9 W. only.

At original cor. point.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground and in a collar of stone with brass cap mkd.

T24S
R 9W
 $\frac{1}{4}$
S36
1959

Deposit original stone cor. alongside iron post.

N. 0° 05' E., beginning new measurement.

3.74 Point for the $\frac{1}{4}$ sec. cor. of sec. 31, T. 24 S., R. 8 W. only.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 8 ins. in the ground and in a mound of stone, 3 $\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T24S
R8W
 $\frac{1}{4}$
S31
1959

40.18 The original cor. of secs. 25, 30, 31 and 36, a lava stone 11x6x6 with five chisel marks on N. face and 1 mark on S. face. This cor. will now function as the cor. of secs. 25 and 36, T. 24 S., R. 9 W. only.

At the same point.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T24S
R9W
S25
S36
1959

Deposit original cor. W. of iron post.

Raise a mound of stone, 2 ft. base, 2 ft. high W. of cor.

Land, low, rolling.

Soil, sandy loam.

Timber, none.

Dependent Resurvey, E. Bdy., T. 24 S., R. 9 W.,

Chains

N. 0° 03' W., along the E. bdy. of sec. 25.

3. 56 Point for the cor. of secs. 30 and 31, T. 24 S., R. 8 W. only, at a position calculated to intersect a sectional correction line extended W. from the cor. of secs. 25 and 36 on the E. bdy.

Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R8W
S30
S31
1959

- 40.27 The original ¼ sec. cor. of secs. 25 and 30, a lava stone 14x8x16 ins. mkd. ¼ on W. face, firmly set. This cor. will now function as the ¼ sec. cor. of sec. 25, T. 24 S., R. 9 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R9W
¼
S25
1959

Deposit original stone cor. alongside iron post.

N. 0° 04' E., beginning new measurement.

- 3.29 Point for the ¼ sec. cor. of sec. 30, T. 24 S., R. 8 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R8W
¼
S30
1959

Cont. over nearly level land.

- 26.50 Unimproved road, bears E. and W.

- 40.20 Original cor. of secs. 19, 24, 25 and 30, a lava stone 10x12x6 ins. mkd. 4 chisel mks. on N. face and 2 marks on S. face, firmly set. This cor. will now function as the cor. of secs. 24 and 25, T. 24 S., R. 9 W. only.

At this same point.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R9W
S24
S25
1959

Deposit original stone cor. alongside iron post.

Land, rolling.

Soil, sandy loam mixed with lava stone.

Timber, none.

E. Bdy. T. 24 S. R. 9 W.

Chains

N. 0° 03' W., along the E. bdy. of sec. 24.

Over slightly rolling land covered with dense sagebrush.

3.09 Point for the cor. of secs. 19 and 30, T. 24 S., R. 8 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R8W
S19
S30
1959

Desc. 20 ft. over gentle N. slope.

40.43 The original ¼ sec. cor. of secs. 19 and 24, a lava stone 8x10x6 ins. mkd. ¼ on W. face, firmly set; this cor. will now function as the ¼ sec. cor. of sec. 24, T. 24 S., R. 9 W. only.

At this same point.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T24S
R9W
¼
S24
1959

Deposit original stone cor. alongside iron post.

Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of iron post.

N. 0° 07' E., beginning new measurement.

2.66 Point for the ¼ sec. cor. of sec. 19, T. 24 S., R. 8 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R8W
¼
S19
1951

5.50 Trail road, bears NE. and SW.

40.19 The original cor. of secs. 13, 18, 19 and 24, a lava stone 10x10x6 ins., with 3 chisel marks on N. face and 3 on S. face, firmly set. This cor. now functions as the cor. of secs. 13 and 24, T. 24 S., R. 9 W. only.

At this same point.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.

T24S
R9W
S13
S24
1959

Deposit original stone cor. alongside iron post.

T. 24 S., R. 9 W.

Chains

Land, slightly rolling.
Soil, sandy loam.
Timber, none.

N. 0° 22' E., along the E. bdy. of sec. 13.

2.47 Point for the cor. of secs. 18 and 19, T. 24 S., R. 8 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S

R8W

S18

S19

1959

Asc. along gentle E. slope, 20 ft.

2.21 The original ¼ sec. cor. of secs. 13 and 18, a lava stone 8x10x6 ins. mkd. ¼ on W. face and firmly set. This cor. will now function as the ¼ sec. cor. of sec. 13, T. 24 S., R. 9 W. only.

At this same point.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S

R9W

¼

S13

1959

Deposit original stone cor. alongside iron post.

North, beginning new measurement.

2.26 Point for the ¼ sec. cor. of sec. 18, T. 24 S., R. 8 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S

R8W

¼

S18

1959

Asc. 10 ft. along gentle SE. slope.

.58 The original cor. of secs. 7, 12, 13 and 18, a lava stone 10x12x8 ins. with a chisel marks on N. face and 4 marks on S. face, firmly set. This cor. will now function as the cor. of secs. 12 and 13, T. 24 S., R. 9 W. only.

At this same point.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a collar of stone with brass cap mkd.

Dependent Resurvey, E. Bdy., T. 24 S., R. 9 W.

Chains

T24S

R9W

S12

S13

1959

Deposit original stone cor. alongside iron post.

Land, low, rolling.

Soil, sandy loam with limestone outcroppings.

Timber, scattered juniper.

N. 2° 38' E., along E. bdy. of sec. 12.

Over low rolling land.

1.68 Point for the cor. of secs. 7 and 8, T. 24 S., R. 8 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S

R8W

S. 7

S18

1959

Asc. 40 ft. along SE.

41.77 Point for the ¼ sec. cor. of secs. 7 and 12, at proportionate dist.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T24S

R9W R8W

¼

S12 | S 7

1959

Deposit charcoal at base of iron post.

Original cor. not found.

Cont. over nearly level land.

81.76 Point for the sec. cor. of secs. 6 and 7, T. 24 S., R. 8 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S

R8W

S 6

S 7

1959

83.54 Point for the cor. of secs. 1 and 12, T. 24 S., R. 9 W. only, at proportionate dist.; there is no remaining evidence of original cor.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.

Dependent Resurvey, E. Bdy., T. 24 S., R. 9 W.

Chains

T24S
R9W
S 1
S12
1959

Land, low, rolling.
Soil, sandy loam and light gravel.
Timber, none.

N. $2^{\circ} 38'$ E., along E. bdy. of sec. 1.

Over nearly level land covered with dense sage.

38.26 Point for the $\frac{1}{4}$ sec. cor. of sec. 6, T. 24 S., R. 8 W. only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R8W
 $\frac{1}{4}$
S 6
1959

41.77 Point for the $\frac{1}{4}$ sec. cor. of sec. 1, T. 24 S., R. 9 W. only, at proportionate dist.; there is no remaining evidence of original cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground and in a mound of stone, $4\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T24S
R9W
 $\frac{1}{4}$
S 1
1959

Asc. 10 ft. over gentle SW. slope.

77.00 Unimproved road, bears E. and W.

83.54 The Tp. cor. of Tps. 23 and 24, Rs. 8 and 9 W., a 3 in. iron post, set mkd. and witnessed as described in the official record.

Land, nearly level.
Soil, sandy loam mixed with light gravel.
Timber, none.

Survey of a Portion of the Subdivision of T. 24 S., R. 8 W.

From the cor. of secs. 35 and 36 on the S. bdy.

N. $0^{\circ} 01'$ W., bet. secs. 35 and 36.

Desc. 20 ft. over gentle NE. slope.

39.65 Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36, 40.00 chs. dist. southing of the sectional correction line.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

Portion of Subdivis T.24 S. R.8 W.

Chains

T24S R8W

$$\frac{1}{4}$$

S35	S36
1959	

Desc. 10 ft. over NE. slope.

44.30 Bottom of swale, drains SE.; asc. 130 ft. over S. slope.

61.00 Spur, slopes E.; desc. 110 ft. over N. slope.

79.65 Point for the cor. of secs. 25, 26, 35 and 36 on the sectional correction line W. from the cor. of secs. 25 and 36 on the E. bdy.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T24S R8W

S26	S25
S35	S36
1959	

Land, mountainous.

Soil, sandy loam mixed with lava stone.

Timber, scattered juniper.

Undergrowth, dense sagebrush.

From the cor. of secs. 25 and 36 on the E. bdy.

West, bet. secs. 25 and 36, with a sectional correction line.

Asc. 200 ft. over gentle E. slope.

33.00 Spur, slopes N.; desc. 50 ft. over NW. slope.

40.01 Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground and in a mound of stone, $3\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T24S R8W

$$\frac{1}{4}$$

S25	S36
1959	

Desc. 20 ft. over NW. slope.

47.50 Draw, drains N.; asc. 250 ft. over E. slope.

62.10 Spur, slopes N.; desc. 40 ft. over W. slope.

70.10 Head of small draw, drains S.; asc. 10 ft. over gentle E. slope.

77.40 Spur, slopes S.; desc. 80 ft. over W. slope.

80.02 The cor. of secs. 25, 26, 35 and 36.

Land, mountainous.

Soil, sandy loam mixed with lava stone.

Timber, scattered juniper.

Survey, Portion of Subdivision, T. 24 S., R. 8 W.

Chains

From the cor. of secs. 33 and 34, on the S. bdy.

N. $0^{\circ} 02' W.$, bet. secs. 33 and 34.

Desc. over land covered with scattered juniper and pinon and dense sagebrush; desc. 80 ft. over N. slope.

14.70 Draw, drains SW.; asc. 30 ft. over S. slope.

21.40 Small spur, slopes E.; desc. 20 ft. over NE. slope.

40.00 Bottom of draw, drains SE.

40.38 Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T24S R8W

 $\frac{1}{4}$

S33|S34

1959

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 24 ins. high, W. of cor.

Asc. 60 ft. over SW. slope.

51.45 Spur, slopes W.; desc. 30 ft. over N. slope.

57.20 Head of draw, drains W.; asc. 110 ft. over S. slope.

77.40 Spur, slopes W.; desc. 20 ft. over N. slope.

80.38 Point for the cor. of secs. 27, 28, 33 and 34, at a position calculated to be on a sectional correction line extended W. from the cor. of secs. 25 and 36 on the E. bdy.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone, $4\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T24S R8W

S28|S27

S33|S34

1959

Land, mountainous.

Soil, sandy loam mixed with lava stone.

Timber, scattered juniper and pinon.

Undergrowth, dense sagebrush.

N. $0^{\circ} 02' W.$, bet. secs. 27 and 28.

Desc. 120 ft. over N. slope.

1.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 28.Set an iron Post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T24S R8W

 $\frac{1}{4}$

S28|S27

1959

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 24 ins. high, W. of cor.

Desc. 90 ft. over low rolling land, draining NW.

Survey. Portion of Subdivision, T. 24 S. R. 8 W.

Chains	
76.00	Draw, drains W.; asc. 20 ft. over S. slope.
80.00	Point for the cor. of secs. 21, 22, 27 and 28. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 4 ft. base, to top of cap, with brass cap mkd. <div style="text-align: right;">T24S R8W S21 S22 S28 S27 1959</div>
	Land, mountainous. Soil, sandy loam mixed with lava stone. Timber, scattered juniper and pinon. Undergrowth, dense sagebrush.
	N. 0° 02' W., bet. secs. 21 and 22. Asc. 40 ft. over S. slope.
1.00	Spur, slopes W.; desc. 30 ft. over N. slope.
10.40	Draw, drains W.; asc. 20 ft. over gentle S. slope.
36.30	Small spur, slopes W.
40.00	Point for the ¼ sec. cor. of secs. 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd. <div style="text-align: right;">T24S R8W ¼ S21 S22 1959</div>
	Desc. 60 ft. over gentle N. slope.
63.90	Small draw, drains W.; desc. 30 ft. over N. slope.
75.20	Draw, drains W.; asc. 10 ft. along W. slope.
80.00	Point for the cor. of secs. 15, 16, 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd. <div style="text-align: right;">T24S R8W S16 S15 S21 S22 1959</div>
	Land, mountainous. Soil, sandy loam mixed with lava stone. Timber, scattered juniper and pinon. Undergrowth, dense sagebrush.
	N. 0° 02' W., bet. secs. 15 and 16. Asc. 20 ft. over gentle SW. slope.
14.60	Spur, slopes W.; desc. 120 ft. over N. slope.

Portion of Subdivision, T. 24 S., R. 8 W.

Chains

- 29.20 Draw, drains W.; asc. 70 ft. over S. slope.
- 40.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground and in a mound of stone, 4 ft. base, to top of cap, with brass cap mkd.

T24S R8W

$\frac{1}{2}$
S16|S15
1959

Asc. 20 ft. over S. slope.

- 48.20 Ridge, bears E. and W.; desc. 100 ft. over NW. slope.
- 67.80 Draw, drains W.; asc. 40 ft. over S. slope.
- 80.00 Point for the cor. of secs. 9, 10, 15 and 16.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T24S R8W

S 9|S10
S16|S15
1959

Raise a mound of stone, 3 ft. base, 20 ins. high, W. of cor.

Land, mountainous.

Soil, sandy loam mixed with lava stone.

Timber, scattered juniper and pinon.

Undergrowth, dense sagebrush.

N. Q^o 02' W., bet. secs. 9 and 10.

Asc. 10 ft. over S. slope.

- 2.10 Spur, slopes SW.; desc. 20 ft. over N. slope.
- 5.00 Draw, drains SW.; asc. 110 ft. over S. slope.
- 15.90 Spur, slopes NW.; desc. 100 ft. over N. slope.
- 13.80 Unimproved road in bottom of draw, bears SW. and NE.; asc. 50 ft. over SE. slope.
- 8.90 Spur, slopes E.; desc. 50 ft. over N. slope.
- 00.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 9 and 10.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T24S R8W

$\frac{1}{2}$
S 9|S10
1959

Raise a mound of stone, 3 ft. base, 24 ins. high, W. of cor.

Desc. 10 ft. over N. slope.

- 43.00 Draw, drains W.; asc. 110 ft. over S. slope.

Survey, Portion of Subdivision, T. 24 S., R. 8 W.

Chains	
57.20	Spur, slopes W.; desc. 160 ft. over broken N. slope.
79.20	Draw, drains NE.; asc. 10 ft. over S. slope.
80.00	Point for the cor. of secs. 3, 4, 9 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.
	T24S R8W S 4 S 3 S 9 S10 1959
	Land, mountainous. Soil, gravelly, mixed with lava stone. Timber, scattered juniper and pinon. Undergrowth, dense sagebrush.
	N. 0° 02' W., bet. secs. 3 and 4.
	Over land covered with scattered juniper, draining N.
	Desc. 20 ft. over NE. slope.
3.60	Draw, drains E.; asc. 30 ft. over SE. slope.
8.00	Spur, slopes E.; desc. 170 ft. over N. slope.
21.30	Base of steep slope, bears E. and W.; desc. 30 ft. over gentle N. slope.
29.10	Small wash, drains NW.; desc. 30 ft.
40.00	Point for the ½ sec. cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground and in a collar of stone, with brass cap mkd.
	T24S R8W ½ S 4 S 3 1959
	Desc. 50 ft. over gentle N. slope.
59.00	Graveled road, bears E. and W.; desc. 40 ft.
85.00	Intersect the S. bdy. of T. 23 S., R. 8 W.
	Point for the closing cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T23S S33 S 4 S 3 C C T24S R8W 1959
	Deposit charcoal in bottom of hole.

Portion of Subdivision, T. 23 S., R. 8 W.

Chains

From this cor. the cor. of secs. 3, 4, 33 and 34, S. bdy., T. 23 S., R. 8 W. bears S. 89° 49' E., 2.41 chs. dist., monumented with an iron post, 3 ins. diam., set, mkd. and witnessed in the official record; remarked same cor. for secs. 33 and 34, T. 23 S., R. 8 W., only.

Land, mountainous.

Soil, gravelly.

Timber, scattered juniper and pinon.

The point for the sec. cor. of secs. 1 and 2, is on the south bdy. of T. 23 S., R. 8 W. and at a proportionate dist. bet. the NE. cor. of the Tp. and the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T23S
S35
S 2 | S 1
T24S R8W
1959

Raise a mound of stone, 2½ ft. base, 2 ft. high, S. of iron post.

From this cor. the cor. of secs. 1, 2, 35 and 36 bears S. 89° 49' E. 2.39 chs. dist., an iron post, 3 ins. diam., conforming to the record. This cor. was remarked to function as the cor. of secs. 35 and 36, T. 23 S., R. 8 W. only.

The point for the N. ½ sec. cor. is on the S. bdy. of T. 23 S., R. 8 W. and at midpoint on the N. bdy. of sec. 2.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

½ S 2
T24S R8W
1959

Raise a mound of stone, 2½ ft. base, 2 ft. high, S. of iron post.

From this cor. the ½ sec. cor. of secs. 2 and 35 bears S. 89° 49' E. 2.40 chs. dist., an iron post, 1 in. diam., conforming to the record. This cor. was remarked to function as the ½ sec. cor. of sec. 35, T. 23 S., R. 8 W. only.

The point for the cor. of secs. 2 and 3 is on the S. bdy. of T. 23 S., R. 8 W. at proportionate dist. bet. the NE. cor. of the Tp. and the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T23S
S34
S 3 | S 2
T24S R8W
1959

From this cor. the cor. of secs. 2, 3, 34 and 35 bears S. 89° 49' E. 2.40 chs. dist., an iron post, 3 ins. diam., conforming to the records. This cor. was remarked to function as the cor. of secs. 34 and 35, T. 23 S., R. 8 W. only.

Survey Portion of Subdivision, T. 24S. R. 8W.

Chains	
	From the cor. of secs. 2 and 3.
	S. 0° 01' E., bet. secs. 2 and 3.
	Asc. 10 ft. over gentle N. slope.
7.00	Small wash, drains NW.; asc. 50 ft. over gentle N. slope.
28.10	Unimproved road, bears E. and W.; asc. 20 ft.
34.40	Small spur, slopes NW.; desc. 20 ft.
41.00	Small wash in bottom of draw, drains NW.; asc. 10 ft. over gentle N. slope.
44.62	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.
	T24S R8W
	$\frac{1}{4}$
	S 3 S 2
	1959
	Asc. 70 ft. over N. slope.
62.80	Spur, slopes NE.; desc. 20 ft. over S. slope.
66.30	Draw, drains E.; asc. 30 ft. over N. slope.
68.90	Small spur, slopes W.; desc. 30 ft.
70.90	Head of draw, drains NW.; asc. 20 ft. over N. slope.
74.00	Spur, slopes E.; desc. 20 ft. over S. slope.
77.50	Wash, 3 ft. deep, 20 lks. wide, drains NE.; asc. 30 ft. over gentle N. slope.
84.62	Point for the cor. of secs. 2, 3, 10 and 11.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.
	T24S R8W
	S 3 S 2
	S10 S11
	1959
	Land, rolling.
	Soil, gravelly.
	Timber, scattered juniper.
	N. 89° 55' E., bet. secs. 2 and 11 on a line calculated bet. the cor. of secs. 3, 4, 9 and 10 and the cor. of secs. 1 and 12 on the E. bdy.
	Asc. 100 ft. over W. slope.
17.90	Spur, slopes N.; desc. 20 ft. over NE. slope.
20.20	Head of draw, bears NW.; asc. 20 ft. over W. slope.
22.50	Spur, slopes S.; desc. 70 ft. over E. slope.
26.50	Draw, drains N.; asc. 110 ft. over W. slope.

Portion of Subdivision, T. 24 S., R. 8 W.

Chains

- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd.
- T24S R8W
S 2
S11
1959
- Asc. 10 ft. over W. slope.
- 40.80 Spur, slopes N.; desc. 20 ft. over E. slope.
- 42.60 Small wash in bottom of draw; drains N.; asc. 30 ft. over rolling NW. slope.
- 50.20 Spur, slopes N.; desc. 90 ft. over E. slope.
- 56.00 Draw, drains N.; asc. 60 ft. over W. slope.
- 61.50 Spur, slopes N.; desc. 100 ft. over E. slope.
- 70.40 Draw, drains N.; asc. 30 ft. over W. slope.
- 80.00 Spur, projects NW.

Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T24S R8W
S 2 | S 1
S11 | S12
1959

Land, high, rolling.
Soil, gravelly.
Timber, scattered juniper.

N. $0^{\circ} 03'$ E., bet. secs. 1 and 2.

Desc. 180 ft. over N. slope.

- 31.60 Surfaced road, bears NW. and SE.; desc. 30 ft. over N. slope.

- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T24S R8W
S 2 | S 1
1959

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 22 ins. high, W. of cor.

Cont. descent along gentle N. slope; desc. 70 ft.

- 84.27 The cor. of secs. 1 and 2.

Portion of Subdivis T. 24 S. R. 8 W.

Chains

From the cor. of secs. 15, 16, 21 and 22.

West, bet. secs. 16 and 21.

Desc. 110 ft. over W. slope.

20.80 Draw, drains NW.; asc. 50 ft. over E. slope.

32.20 Spur, slopes N.; desc. 20 ft. over W. slope.

37.50 Draw, drains NW.; asc. 10 ft. over E. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T24S R8W

$\frac{1}{4}$ S16

S21

1959

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 20 ins. high, N. of cor.

Asc. 20 ft. over E. slope.

45.40 Spur, slopes N.; desc. 230 ft. over W. slope.

72.70 Draw, drains NW.; asc. 20 ft. over E. slope.

75.50 Small spur, slopes NW.; desc. 70 ft. over W. slope.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T24S R8W

S17 | S16

S20 | S21

1959

Land, mountainous.

Soil, sandy loam mixed with lava stone.

Timber, scattered juniper and pinon.

Undergrowth, dense sagebrush.

N. $0^{\circ} 03'$ W., bet. secs. 16 and 17.

Desc. 40 ft. along NW. slope.

8.00 Base of steep slope; enter basin land, covered with dense sagebrush; desc. 10 ft. over gentle NW. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T24S R8W

$\frac{1}{4}$ S17 | S16

1959

T. 24 S. R. 8 W.

Chains

a mound of stone, 3 ft. base, 20 ins. high, W. of cor.

Asc. 80 ft. over gentle S. slope.

80.00 Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R8W
S 8 | S 9
S17 | S16
1959

Land, mountainous.

Soil, sandy loam mixed with lava.

Timber, scattered juniper.

From the cor. of secs. 9, 10, 15 and 16.

N. 89° 59' W. bet. secs. 9 and 16, over a series of draws and spurs.

Desc. 60 ft. over W. slope.

10.50 Draw, drains S.; asc. 40 ft. over E. slope.

16.00 Spur, slopes S.; desc. 30 ft. over W. slope.

20.00 Draw, drains S.; asc. 20 ft. over E. slope.

22.50 Spur, slopes S.; desc. 30 ft. over W. slope.

27.10 Draw, drains S.; asc. 20 ft. over E. slope.

29.50 Small spur, slopes S.; desc. 20 ft. over W. slope.

33.00 Draw, drains S.; asc. 20 ft. over E. slope.

37.00 Small spur, slopes S.; desc. 30 ft. over W. slope.

39.00 Small draw, drains S.; asc. 10 ft. over E. slope.

40.02 Point for the ¼ sec. cor. of secs. 9 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R8W
¼ S 9
S16
1959

Desc. 50 ft. over gentle W. slope.

55.20 Unimproved road, bears N. and S.; desc. 10 ft. over gentle W. slope.

56.04 The cor. of secs. 8, 9, 16 and 17.

Land, mountainous.

Soil, sandy loam mixed with lava stone.

Timber, scattered juniper.

S. Portion of Subdivis T. 24 S.

Chains

From the cor. of secs. 32 and 33 on the S. bdy.

N. $0^{\circ} 03'$ W., bet. secs. 32 and 33.

Desc. 20 ft. along W. slope.

9.10 Small draw, drains W.; asc. 30 ft. along W. slope.

24.50 Spur, slopes W.; desc. 20 ft. over N. slope.

29.90 Draw, drains W.; asc. 20 ft. over SW. slope.

41.52 Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33, 40.00 chs. southing of sectional correction line.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R8W

$\frac{1}{4}$
S32 | S33
1959

Asc. 20 ft. along W. slope.

50.00 Top of ascent; desc. 20 ft. over N. slope.

55.00 Small draw, drains W.; asc. 50 ft. over SW. slope.

81.52 Point for the cor. of secs. 28, 29, 32 and 33 on the sectional correction line W. of the cor. of secs. 25 and 36 on the E. bdy.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground and in a mound of stone, 4 ft. base, to top of cap, with brass cap mkd.

T24S R8W

S29 | S28
S32 | S33
1959

Land, mountainous.

Soil, sandy loam mixed with lava stone.

Timber, scattered juniper.

Undergrowth, dense sagebrush.

From the cor. of secs. 31 and 32 on the S. bdy. of T. 24 S., R. 8 W.

N. $0^{\circ} 03'$ W., bet. secs. 31 and 32.

Asc. 10 ft. along gentle W. slope.

42.71 Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32, 40.00 chs. southing of sectional correction line.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone, 4 ft. base, to top of cap, with brass cap mkd.

T24S R8W

$\frac{1}{4}$
S31 | S32
1959

Survey, Portion of Subdivision, T. 24 S., R. 8 W.

Chains

Dest. 20 ft. along W. slope.

60.90 Draw, drains NW.; asc. 40 ft. over gentle SW. slope.

73.70 Small spur, slopes W.; desc. 10 ft. over gentle N. slope.

82.71 Point for the cor. of secs. 29, 30, 31 and 32 on the sectional correction line W. of the Cor. of secs. 25 and 36 on the E. bdy.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, 4 ft. base, to top of cap, with brass cap mkd.

T24S R8W

S30 | S29

S31 | S32

1959

Land, mountainous.

Soil, sandy loam mixed with lava stone.

Timber, scattered juniper.

Undergrowth, dense sagebrush.

From the cor. of secs. 28, 29, 32 and 33.

West, bet. secs. 29 and 32 on calculated sectional correction line.

Over land covered with dense sagebrush.

Desc. 330 ft. over gentle W. slope.

2.98 Point for the ¼ sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground and in a mound of stone, 4 ft. base, to top of cap, with brass cap mkd.

T24S R8W

¼ S29

¼ S32

1959

Desc. 10 ft. over W. slope.

5.00 Small wash, drains NW.; desc. 20 ft. over W. slope.

3.00 Small spur, slopes S.; desc. 100 ft. over W. slope.

9.96 The cor. of secs. 29, 30, 31 and 32.

Land, mountainous.

Soil, sandy loam mixed with lava stone.

Timber, none.

Undergrowth, dense sagebrush.

General Description

T. 24 S., R. 8 W. is covered with medium dense to scattered juniper and pinon timber with dense underbrush consisting mainly of sagebrush. Some June grass clearings were noted. Most of the township is rocky and hilly except the extreme northern portion which is a low rolling desert land covered with gramma grass. The general elevation of the township ranges from about 5,800 feet to about 6,500 feet above sea level. The South Twin Peak is the highest point in the township and is located in the northwestern portion.

Township 24 South,

8 West.

Chains

A graded road enters the township in the northwestern portion between sections 1 and 6, bears east and west, and leaves the in the southeastern portion between sections 7 and 12, bearing east and west. There are several unimproved roads and jeep roads that throughout the township to sheep camps and water storage ponds.

No permanent water was noted throughout the township.

FIELD ASSISTANTS

[illegible]

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of April, 1959,

I have ~~surveyed~~ supervised the dependent resurvey of the south and west boundaries, and the survey of a portion of the subdivision of T. 24 S., R. 8 W.

of the Salt Lake Meridian, in the State of Utah, which are under my supervision represented in the foregoing field notes as having been executed ~~by me and under my direction~~; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

June 3, 1960

Vern E. Lane - Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., 10 23 1960, 1960

The foregoing field notes of the ~~survey of~~ dependent resurvey of the south and west boundaries, and the survey of a portion of the subdivision of T. 24 S., R. 8 W., Salt Lake Meridian, Utah

executed by Alburn D. Griffin, Cadastral Surveyor, under the supervision of Vern E. Lane, Cadastral Surveyor having been critically examined and found correct, are hereby approved.

Donald O. Clement
Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

_____, is a true copy of the original

1948)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

SURVEY

OF A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 36 SOUTH, RANGE 2 WEST

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

George D. Voorhees, Cadastral Surveyor (Chief of Party)

Boyd S. Owens, Cadastral Surveyor

Under special instructions dated September 16, 1958, which provided

for the surveys included under Group No. 349, approved October 3, 1958

and assignment instructions dated June 11, 1959

Survey commenced July 16, 1959

Survey completed July 17, 1959

INDEX DIAGRAM

Township 36 South, *Range* 2 West

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29	29	28	27	26	25
31	32	33	34	35	36

Township 36 South, Range 2 West

Chains

The west boundary of section 16 was surveyed by Nelson and Bird in 1945. The following field notes are those of the survey of the south, east and north boundaries of section 16, T. 36 S., R. 2 W. of the Salt Lake Meridian, under special instructions dated September 16, 1958 for Group No. 349 Utah. They are deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of that section normally considered a state school section.

The survey was executed with W. & L. E. Gurley solar transit No. 540614 constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of section 16 is at latitude $37^{\circ} 39' 36.6''$ N. and longitude $112^{\circ} 00' 16.9''$ W., as determined by computation from previous values published for the true point for the SE. corner of the township.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be $15^{\circ} 30'$ East.

Survey of a Portion of the Subdivision of T. 36 S., R. 2 W.

Beginning at the sec. cor. of secs. 16, 17, 20 and 21, a 2 in. iron post, set, mkd. and witnessed as described in the official records.

East, bet. secs. 16 and 21.

Over steep mountainous land, by triangulation, topography estimated; desc. about 20 ft.

Survey, Portion of Subdivision, T. 36 S. R. 2 W.

Chains

- 3.00 Gully, drains NW.; asc. 470 ft. over steep clay slope facing W.
- 19.60 Base of nearly vert. ledge facing W.; asc. about 50 ft.
- 19.75 End of triangulation on mesa rim, bears N. 15° W. and S. 15° E.; asc. 30 ft. over rolling mesa top through moderate scrub pinon and juniper
- 27.50 Land becomes broken, NW. drainage; asc. 20 ft.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21.
- Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 18 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T36S R2W

$$\begin{array}{r} \frac{1}{4} \text{ S16} \\ \text{S21} \\ 1959 \end{array}$$

Asc. 110 ft. over NW. slope.

- 44.80 Ledge rim, bears irregularly NE. and SW.; asc. 30 ft. over NW. slope.
- 48.30 Broken ridge top, bears NE. and SW.; desc. 110 ft. over rolling land draining SE.
- 58.30 Small wash, drains SE.; asc. 20 ft. over SW. slope.
- 62.80 Spur, slopes S. 15° E.; desc. 90 ft. over E. slope through heavy t
- 69.20 Junction of two small washes, draining S. 15° E. from N. 15° W. and irregularly W.; asc. 50 ft. over W. slope.
- 80.00 Point for the cor. of secs. 15, 16, 21 and 22.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.

T36S R2W

$$\begin{array}{r} \text{S16} \text{ S15} \\ \text{S21} \text{ S22} \\ 1959 \end{array}$$

From which

A pinon, 10 ins. diam., bears N. 14° E., 19 lks. dist., mkd. T36S R2W S15 BT.

A pinon, 6 ins. diam., bears S., 64 lks. dist., mkd. T36S R2W BT.

No other suitable bearing trees available.

Cor. is located on spur sloping S. 15° E.

Land, rolling and broken.

Soil, heavy clay loam, sandstone caps.

Timber, moderate to heavy, E. 60 chs.

Undergrowth, scattered silverleaf, buckbrush, blackbrush, grass and shade-scale.

Portion of Subdivis: T. 36 S. R. 2 W.

Chains

From the cor. of secs. 15, 16, 21 and 22,

N. 0° 02' E., bet. secs. 15 and 16.

Over broken mountainous land, moderate scrub timber.

Asc. 20 ft. over sandstone ledge on spur sloping S. 15° E.

.70 Top of ledge; asc. 10 ft. along broken spur.

3.80 Begin triangulation over rolling land, E. drainage and exposure; asc. 170 ft.

35.30 End of triangulation on ledgy outcrop, about 100 ft. high, on spur sloping S. 15° W.

Cont. along steep W. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T36S R2W

S16|S15

1959

Cor. is located at base of finger spur sloping sharply W.

Asc. 100 ft. over steep SW. slope.

45.20 Slope changes to W.

75.50 Slope changes to NW.; desc. 110 ft.

80.00 Point for the cor. of secs. 9, 10, 15 and 16.

Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drill hole in sandstone, with brass cap mkd.

T36S R2W

S 9|S10

S16|S15

1959

Raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.

Cor. is located on a steep NW. slope about 4 chs. S. of head of canyon, draining SW.

Land, rolling and broken.

Soil, clay and rocky.

Timber, moderate scrub pinon, juniper and ponderosa pine, S. 30 chs.; scattered pinon and cedar in remainder.

Undergrowth, scattered silverleaf, buckbrush, blackbrush, grass and shadscale.

From the cor. of secs. 9, 10, 15 and 16.

West, bet. secs. 9 and 16.

Over mountainous land by triangulation, topography estimated.

Desc. about 150 ft. over steep NW. slope, through scattered scrub timber.

Portion of Subdi

T.36 S. 2

Chains

- 6.00 Bottom of canyon, drains SW.; cont. along broken, rolling land, S. drainage and exposure.
- 39.95 Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16.
Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 8 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.
- T36S R2W.
 $\frac{1}{4}$ $\frac{S}{16}$
1959
- Cont. by triangulation, topography estimated.
- Desc. about 100 ft. over rolling and broken land.
- 56.10 End of triangulation, spur slopes SW.; desc. 40 ft. over W. slope.
- 59.40 Top of broken white sandstone ledges facing W.; desc. 120 ft.
- 63.70 Base of steep descent; desc. 40 ft. over gentle rolling land, through moderate timber, SW. drainage.
- 73.00 Begin ascent over SE. slope; asc. 40 ft.
- 79.90 The cor. of secs. 8, 9, 16 and 17, a 2 in. iron post firmly set, mkd. and witnessed as described in the official record.
- Land, steep, rough and broken.
Soil, clay and rocky.
Timber, scattered to moderate scrub juniper and pinon.
Undergrowth, scattered silverleaf, buckbrush, blackbrush and grass.

General Description

The land in section 16, T. 36 S., R. 2 W. is extremely rough and broken, cut by box canyons, ledgy rims and steep rocky clay hills, varying about 1000 ft. in elevation. The southeast portion of the section drains into Henderson Canyon; the remainder drains southwesterly into North Canyon.

The timber is mostly scrub juniper and pinon, with a scattering of Ponderosa pine in the far east portion. The undergrowth consists of scattered silverleaf, buckbrush, grass, weeds and shadscale. No continual water supply, or improvements were noted within the section.

Coal veins and indications of coal were found, but due to inaccessibility no developments were noted.

FIELD ASSISTANTS

[illegible]

CERTIFICATE OF CADASTRAL ENGINEER

I, George D. Voorhees, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 16th day of September, 1954

I have ~~supervised~~ supervised the survey of a portion of the subdivision of T. 36 S., R. 2 W.

of the Salt Lake Meridian, in the State of Utah, which represented in the foregoing field notes as having been executed ~~by me and under my direction~~ under my supervision and said survey has been made in strict conformity with said instructions, the Manual of Instructions for Survey of the Public Lands of the United States, and in the specific manner described in the field notes.

Salt Lake City, Utah

April 13, 1960

G. D. Voorhees
George D. Voorhees - Cadastral

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., MAY 8 1961, 19

The foregoing field notes of the survey of a portion of the subdivision of T. 36 S. R. 2 W., Salt Lake Meridian, Utah,

executed by Boyd S. Owens, Cadastral Surveyor, under the supervision of George D. Voorhees, Cadastral Surveyor having been critically examined and found correct, are hereby approved.

Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of of the survey of a portion of the subdivision of T. 36 S. R. 2 W., Salt Lake Meridian, Utah, is a true copy of the original

4-5770 (1948)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY AND SURVEY

| OF A

PORTION OF THE SUBDIVISION

OF

TOWNSHIP 24 SOUTH, RANGE 10 WEST

Of the

Salt Lake

Meridian,

State of

Utah

EXECUTED BY

Alburn D. Griffin, Cadastral Surveyor

Vern E. Lane, Cadastral Surveyor (Chief of Party)

der special instructions dated April 27 , 1959 , which provided

the surveys included under Group No. 411 , approved April 27, 1959

l assignment instructions dated April 30 , 19 59

Survey commenced May 8 , 19 59

Survey completed May 8 , 19 59

INDEX DIAGRAM

Township 24 South , Range 10 West

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30	29	28	27	26		25
31	32	33	34	35		36

Township, 24 South, Range 10 West

Chains

The south boundary was surveyed by J. Bausman in 1870. The east boundary was surveyed by J. Bausman in 1870, and resurveyed by A. Stewart Jr. in 1882. A portion of the west boundary was surveyed by J. Bausman in 1870, and dependently resurveyed and surveyed concurrently and shows in the field notes of T. 24 S., R. 11 W. A portion of the north boundary was surveyed by J. Bausman in 1870 and dependently resurveyed and surveyed concurrently and shows in the field notes of T. 23 S., R. 10 W. A portion of the subdivision was surveyed by J. Bausman in 1870.

The following field notes are those of a dependent resurvey and survey of a portion of the subdivision of T. 24 S., R. 10 W.

The survey was executed with W. and L. E. Gurley solar transit No. 541330, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position of the southeast corner of section 2 is at latitude 38° 44' 51.4" North and longitude 112° 56' 01.6" West as adjusted from traverses to U. S. G. S. triangulation station Standard G.L.O. brass cap stamped T25S R11-12W S36|S31 1911
S 1

The magnetic declination was read and found to be 16° 30' East.

Dependent Resurvey of a Portion of Subdivision of T. 24 S., R. 12¹⁰ W.

Dependent resurvey reestablishing the survey executed by J. Bausman in 1870.

From the cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp.

S. 1° 23' W., bet. secs. 1 and 2.

Over rolling land covered with shadscale, greasewood and low sage.

Dependent Resurvey of Portion of the Subdivision of T. 24 S

Chains
 1.20 Railroad, bears S. 55° 58' W.
 2.90 Fence, barbed, five-strand, bears S. 55° 58' W.
 3.10 Beaver River, dry, 2 ft. deep, 2 lks. wide, drains NE.
 3.70 Telephone line, bears S. 55° 58' W.,; asc. 170 ft. over N. slope.
 28.90 Edge of benchland, bears E. and W.
 40.98 The original $\frac{1}{4}$ sec. cor. of secs. 1 and 2, a lava stone, 12x10x8 ins. mkd. $\frac{1}{4}$ on W. face, firmly set.
 At the original cor. point,
 Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.

T24S R10W

$$\begin{array}{r} \frac{1}{4} \\ S2|S1 \\ 1959 \end{array}$$

Deposit original stone cor. alongside iron post.

S. 0° 22' E., bet. secs. 1 and 2, beginning new measurement.

Cont. over rolling land.

2.40 So. rim of bench, bears E. and W.; desc. 140 ft. over steep SW. slope
 14.00 Bottom of descent; wash, 2 ft. deep, 20 lks. wide, drains NW.; asc. 40 ft. over NW. slope.
 19.10 Fence, barbed, five-strand, bears NW. and SE.; asc. 80 ft. over NW. slope.
 40.29 The original cor. of secs. 1, 2, 11 and 12, a lava stone, 22x10x6 ins set, mkd. and witnessed as described in the official record.

At the cor. point

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T24S R10W

$$\begin{array}{r} S2|S1 \\ S11|S12 \\ 1959 \end{array}$$

Deposit original cornerstone alongside iron post.

Land, rolling.
 Soil, rocky.
 Timber, none.

N. 89° 45' W., bet. secs. 2 and 11.

Over rolling land covered with shadscale and greasewood; desc. 30 ft. over NW. slope.

ndent

of Portion of the Subdivision, T. 24 S., R. 10 W.

Chains

- 4.80 Unimproved road, bears S. 10° W. and N. 10° E.; desc. 10 ft. over NW. slope.
- 6.50 Small wash, drains N.; asc. 50 ft. over NE. slope.
- 11.00 Top of benchland; desc. 10 ft. over W. slope.
- 40.32 The original $\frac{1}{4}$ sec. cor. of secs. 2 and 11, a lava stone, 24x10x3 ins., set, mkd. and witnessed as described in the official record.

At the cor. point

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T24S R10W

$$\frac{S}{S11}$$

1959

Deposit original cornerstone alongside iron post.

N. 89° 03' W., beginning new measurement.

Over rolling land covered with shadscale and greasewood; desc. 140 ft. over NW. slope:

- 15.70 Beaver River, little seepage at time of survey, drains NE.
- Asc. 20 ft. over SE. slope.
- 22.10 Fence, barbed, five-strand, bears S. 33° 12' 30" W.
- 22.20 Telephone line, bears S. 33° 12' 30" W.
- 23.70 Union Pacific Railroad tracks, bear S. 33° 12' 30" W.
- 26.90 Telegraph line, bears S. 33° 12' 30" W.
- 27.10 Fence, five-strand barbed, bears S. 33° 12' 30" W.; asc. 50 ft. over E. slope.
- 33.20 Graded road, bears S. 20° W. and N. 20° E.; asc. 20 ft. over E. slope.
- 41.30 The original cor. of secs. 2, 3, 10 and 11, a cedar post, set, mkd. and witnessed as described in the official record.

At the cor. point

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.

T24S R10W

$$\frac{S3}{S10} \frac{S2}{S11}$$

1959

Set the original post alongside iron post.

Land, rolling.

Soil, gravelly.

Timber, none.

Dependent Resurvey of Portion of the Subdivision, T. 24 S., R. 10 W.

Chains

Thence

N. 0° 01' W., bet. secs. 2 and 3, with original survey.

Over rolling land covered with shadscale and sage; asc. 20 ft. over S. slope.

2.70 Spur, slopes East; desc. 50 ft. along E. slope.

18.00 Small wash, drains E.; asc. 50 ft. along S. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the in a collar of stone, with brass cap mkd.

T24S R10W

$$\begin{array}{r} \frac{1}{4} \\ S3|S2 \\ 1959 \end{array}$$

Asc. 160 ft. over S. slope.

76.30 Spur, slopes SE.; desc. 30 ft. over NE. slope.

78.50 Head of draw, drains SE.; asc. 20 ft. along S. slope.

80.41 Intersect the S. bdy. of T. 23 S., R. 10 W.

Point for the closing cor. of secs. 2 and 3, T. 24 S., R. 10 W.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T23S

$$\begin{array}{r} S34 \\ \hline S3|S2 \\ C C \end{array}$$
T24S R10W
1959

From this cor. the cor. of secs. 34 and 35, T. 23 S., R. 10 W. bears E. 2.39 chs. dist., and is monumented with an iron post, 2½ ins. set, mkd. and witnessed as described in the field notes of T. 23 S., R. 10 W.

Land, rolling.
Soil, gravelly.
Timber, none.

GENERAL DESCRIPTION

Section 2, T. 24 S., R. 10 W. consists of rolling desert land. The east portion of the section drains generally west to the Beaver River which divides the section. The western portion of the section drains generally east to the same river. The Beaver River was dry with the exception of a small amount of seepage in places.

The Union Pacific Railroad enters the section near the northeast corner and leaves it 23.70 chains west of the $\frac{1}{4}$ section corner of sections 2 and 11. A graded gravel road crosses the section generally paralleling the railroad. The soil is sandy clay with gravel spots. The vegetation consists of shadscale, sagebrush and bunch grass. The mean elevation is about 4900 feet above sea level.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES

CAPACITY

Schl

Notekeeper

Chairman

Cornerman

Flagman

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of April, 1959, I have surveyed and dependently resurveyed a portion of the subdivision of T. 24 S., R. 10 W.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

June 7, 1960

Vern E. Lane

Cadastral Surveyor (Chief of Party)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

DEC 23 1960

Washington, D. C., _____, 19____

The foregoing field notes of the survey ~~of and dependent resurvey of a portion of the subdivision of T. 24 S., R. 10 W., Salt Lake Meridian, Utah~~

executed by Alburn D. Griffin, Cadastral Surveyor, under the supervision of Vern E. Lane, Cadastral Surveyor (Chief of Party) having been critically examined and found correct, are hereby approved.

James O. Clamer
Cadastral Engineering Staff Officer.

I CERTIFY that the foregoing is a true copy of the field notes of the above-described surveys in T. 24 S. R. 10 W., SLM, Utah, is a true copy of the original field notes.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT AND INDEPENDENT RESURVEY

OF THE SOUTH BOUNDARY

AND THE DEPENDENT RESURVEY AND SURVEY

OF THE EAST BOUNDARY

AND THE SURVEY

OF A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 24 SOUTH, RANGE 11 WEST

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

Vern E. Lane, Cadastral Surveyor (Chief of Party)

Craig P. Sylvester, Cadastral Surveyor

Alburn D. Griffin, Cadastral Surveyor

under special instructions dated April 27, 1959, which provided

for the surveys included under Group No. 411, approved April 27, 1959

and assignment instructions dated April 30, 1959

Survey commenced May 5, 1959

Survey completed June 2, 1959

INDEX DIAGRAM

Township 24 South, Range 11 West

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20	21	22	13 27	26	25 16	2
21 11	21 32 10	21 33 9	12 34 8	35 7	16 36 6	2

GPO 860119

Alburn D. Griffin

Craig P. Sylvester

T.

24 South

11 West

Chains

A portion of the south boundary was surveyed by J. Gorlinski in 1880 and dependently resurveyed and surveyed by A. J. Stewart Jr. in 1882. A portion of the east boundary was surveyed by J. Bausman in 1870. The west boundary was surveyed by J. Gorlinski in 1880 and independently resurveyed concurrently and is described in the field notes of T. 24 S., R. 12 W. The north boundary was surveyed concurrently and is described in the field notes of T. 23 S., R. 11 W.

The following field notes are those of a dependent resurvey of the south boundary. A dependent resurvey and survey of the east boundary, and survey of a portion of the subdivision of T. 24 S., R. 11 W., deemed sufficient to facilitate the development of the natural resources and mark the boundaries of those sections that are normally considered state school sections.

Before restoring the corners the lines of the original survey were retraced and a diligent search made for any evidence of the original corners. The rules of proportionate measurement and record distance and bearing were applied to ascertain the position of the lost corners after every reasonable possibility of finding direct evidence of the corner had been exhausted.

The survey was executed with W. & L. E. Gurley Solar Transits No. 541330 and No. 461263 constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were in good condition prior to the beginning of the survey and were maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude $38^{\circ} 40' 29.51''$ N. and longitude $113^{\circ} 01' 37.10''$ W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be $16^{\circ} 30'$ East.

Dependent Resurvey, E. Bdv., T. 24 S., R. 11 W.

Chains

Dependent Resurvey of the East Boundary of T. 24 S., R. 11 W., Reestablishing the Survey Executed by U. S. Surveyor, J. Bausman, in 1870.

At the cor. of secs. 1, 6, 31 and 36, Tps. 24 and 25 S., Rs. 10 and W., a cedar post, 3 ft. long, 4 ins. diam., and a stone 14x10x3 ins., mkd. with 6 notches on one edge and 6 notches on the opposite edge.

At the cor. point set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with the original cedar post and stone deposited alongside the iron post, with brass cap mkd.

T24S
R11W R10W
S36|S31
S 1 | S 6
T25S
1959

N. 0° 08' W., bet. secs. 31 and 36.

Over rolling desert land, drains SE.

34.70 Beaver River, dry, 20 lks. wide, 3 ft. deep, drains S. 60° W.

40.02 Point for the ¼ sec. cor. of secs. 31 and 36, at proportionate dist.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, deposit charcoal in bottom of hole, with brass cap mkd.

T24S
R11W R10W
¼
S36|S31
1959

No available evidence of original cor. recognized.

Over nearly level land.

80.04 Point for the cor. of secs. 25, 30, 31 and 36, at proportionate dist.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, deposit charcoal in bottom of hole, with brass cap mkd.

T24S
R11W R10W
S25|S30
S36|S31
1959

No available evidence of original cor.

Land, nearly level.

Soil, clay loam.

Timber, none.

N. 0° 08' W., bet. secs. 25 and 30, over gently rolling bottom land draining SE.

23.40 Unimproved road, bears S. 75° W. and N. 75° E.

32.00 Leave bottom land; asc. S. slope 50 ft.

E. 24 S 24 E 11 N 11 W

Chains

40.02 The original $\frac{1}{4}$ sec. cor. of secs. 25 and 30A stone 20x12x10 in., mkd. $\frac{1}{4}$ on W. face and in a collar of stone.

At corner point.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone, 4 ft. base, to top of cap, deposit original $\frac{1}{4}$ cor. alongside iron post, with brass cap mkd.T24S
R11W R10W $\frac{1}{4}$
S25 | S30
1959

North, bet. secs. 25 and 30, beginning new measurement.

Asc. S. slope, 90 ft.

10.90 Top of spur, slopes NE.; desc. N. slope 150 ft.

27.80 Base of N. slope; enter bottom land.

40.00 Point for the cor. of secs. 19, 24, 25 and 30, at record dist.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.T24S
R11W R10W
S24 | S19
S25 | S30

Build a mound of stone, 3 ft. base, 24 ins. high, W. of cor. No evidence of original cor.

Land, rolling.

Soil, shallow, gravelly.

Timber, none.

North, bet. secs. 19 and 24, over gently rolling bottom land, draining SE.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 19 and 24, at record dist.

There is no remaining evidence of original cor.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd.T24S
R11W R10W $\frac{1}{4}$
S24 | S19
1959Raise a mound of stone, 3 $\frac{1}{2}$ ft. base, 24 ins. high, W. of cor.

41.30 Small drain, course E., 4.00 chs. dist. to earthen tank.

44.20 Graded road, bears E. and W.

E. T. 24 S. R. 11 W.

80.00 Point for the cor. of secs. 13, 18, 19 and 24, at record dist. . .

There is no remaining evidence of original cor.

Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R11W R10W
S13|S18
S24|S19
1959

Land, rolling desert.

Soil, sandy loam mixed with gravel.

Timber, none.

Survey of the East Boundary of T. 24 S., R. 11 W.

North, along the E. bdy. of sec. 13.

Over rolling land, draining SE.

40.00 Point for the ¼ sec. cor. of sec. 13, T. 24 S., R. 11 W., only..

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T24S
R11W
¼|
S13|
1959

Deposit glass in bottom of hole. .

Asc. gentle S. slope, 50 ft.

64.00 Top of small rise, slopes E.; desc. gentle N. slope, 20 ft.

80.00 Point for the cor. of secs. 12 and 13, T. 24 S., R. 11 W., only

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.

T24S
R11W
S12|
S13|
1959

Deposit charcoal in bottom of hole.

Land, rolling desert.

Soil, sandy loam.

Timber, none.

T. 24 S. R. 11 W.

Chains

North, along the E. bdy. of sec. 12.

Over nearly level land, draining SE.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 12, T. 24 S., R. 11 W., only.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T24S

R11W

 $\frac{1}{4}$

S12

1959

Deposit charcoal in bottom of hole.

Desc. 10 ft. over gentle N. slope.

42.30 Small wash, drains SE.; asc. gentle S. slope, 10 ft.

80.00 Point for the cor. of secs. 1 and 12, T. 24 S., R. 11 W. only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T24S

R11W

S 1

S12

1959

Land, slightly rolling.

Soil, shallow, gravelly.

Timber, none.

North, along the E. bdy., of sec. 1.

North, over rolling land draining SE.

10.50 Wash, 3 ft. deep, 10 lks. wide, drains S. 20° E.

14.20 Road, unimproved, bears NW. and SE.; desc. 10 ft. along NE. slope.

32.30 Wash, 2 ft. deep, 20 lks. wide, curves from NE. to S. 20° E.

37.30 Same wash, course SE.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 1, T. 24 S., R. 11 W. only.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground and in a mound of stone, 4 ft. base, to top of cap, with brass cap mkd.

T24S

R11W

 $\frac{1}{4}$

S 1

1959

Desc. N. slope, 30 ft.

68.80 Wash, 2 ft. deep, 20 lks. wide, drains SW.; asc. S. slope, 10 ft.

73.00 Same wash, drains SE.; asc. gentle S. slope, 10 ft.

Survey, E. Bdy., T. 24 S., R. 11 W.

Chains

82.18

Intersect S. bdy. of T. 23 S., R. 10 W.

Point for the cor. of Tps. 23 and 24 S., Rs. 10 and 11 W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.

T23S
R11W R10W
S36 | S31
S 1 | S 6
T24S
1959

Land, rolling.

Soil, sandy loam mixed with gravel.

Timber, none.

Dependent Resurvey of the South Boundary of T. 24 S., R. 11 W.

Reestablishment of the Survey executed by A. J. Stewart Jr. in 1882.

From the cor. of Tps. 24 and 25 S., Rs. 10 and 11 W., an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the field notes of the resurvey of the E. bdy.S. $89^{\circ} 01' W.$, bet. secs. 1 and 36.5.00
39.77

Over level desert land, covered with greasewood and sagebrush.

Beaver River, dry, bears N. and S., drains S. 20 lks., 3 ft. deep. The original $\frac{1}{4}$ sec. cor. of secs. 1 and 36, a sandstone $3 \times 6 \times 12$ ins., set, mkd. and witnessed as described in the official record.

At the same point.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.

T24S R11W
 $\frac{1}{4}$ S36
S 1
T25S
1959

Deposit original stone N. of iron post.

N. $89^{\circ} 57' W.$, bet. secs. 1 and 36, beginning new measurement.

Cont. over level desert land.

40.11

The original cor. of secs. 1, 2, 35 and 36, a sandstone $6 \times 10 \times 12$ ins., set, mkd. and witnessed as described in the official record.

At the same point.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

Reurvey, S. Edy., T. 24 S., R. 11 W.

Chains

T24S R11W

S35/S36

S 2/S 1

T25S

1959

Deposit original cor. N. of iron post.

Land, level.

Soil, clay.

Timber, none.

S. 89° 10' W., along the N. bdy. of sec. 2, T. 25 S., R. 11 W.

Over level desert land, covered with greasewood.

8.20 Road, bears N. and S.; cont. over level desert land.

24.00 Begin ascent of gentle E. slope covered with shadscale; leave greasewood and sagebrush.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 35, T. 24 S., R. 11 W. only.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T24S R11W

 $\frac{1}{4}$ S35

1959

40.30 The original $\frac{1}{4}$ sec. cor. of secs. 2 and 35, a sandstone 4x8x10 ins., set, mkd. and witnessed as described in the official record. This cor. will now function for the $\frac{1}{4}$ sec. cor. of sec. 2, T. 25 S., R. 11 W. only.

At the same point.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd. $\frac{1}{4}$ S 2

T25S R11W

1959

Deposit original cor. N. of iron post.

S. 89° 05' W., beginning new measurement.

Asc. gradual E. slope.

39.70 Point for the cor. of secs. 34 and 35, T. 24 S., R. 11 W. only.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with a collar of stone, with brass cap mkd.

T24S R11W

S34/S35

1959

Asc. gradual E. slope.

40.33 The original cor. of secs. 2, 3, 34 and 35, a sandstone 4x10x16 ins. set, mkd. and witnessed as described in the official record. This

, S. Bdy., T. 24 S., R. 11 W.

Chains

cor. will now function for the cor. of secs. 2 and 3, T. 25 S., R. 11 W. only.

At the same point.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

S 3 | S 2
T25S R11W
1959

Deposit original cor. N. of iron post.

Land, level.

Soil, clay, gravel on slopes.

Timber, none.

S. $89^{\circ} 24'$ W., along N. bdy. of sec. 3, T. 25 S., R. 11 W.

Over rolling desert land, covered with shadscale; asc. 25 ft. over gentle E. slope.

39.37 Point for the $\frac{1}{4}$ sec. cor. of sec. 34, T. 24 S., R. 11 W. only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.

T24S R11W
 $\frac{1}{4}$ S34

1959

40.26 The original $\frac{1}{4}$ sec. cor. of secs. 3 and 34, a sandstone $6 \times 12 \times 18$, set, mkd. and witnessed as described in the official record. This cor. will now function as the $\frac{1}{4}$ sec. cor. of sec. 3, T. 25 S., R. 11 W. only.

At the same point.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

$\frac{1}{4}$ S 3
T25S R11W
1959

Deposit original cor. N. of iron post.

S. $89^{\circ} 23'$ W., beginning new measurement.

Asc. 50 ft. over E. slope.

39.11 Point for the cor. of secs. 33 and 34, T. 24 S., R. 11 W. only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

T24S R11W
S33 | S34

1959

S. T. R. 11 W.

Chains

40.23

The original cor. of secs. 3, 4, 33 and 34, a sandstone 6x6x10, set, mkd. and witnessed as described in the official record. This cor. will now function as the cor. of secs. 3 and 4, T. 25 S., R. 11 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

S 4 | S 3

T25S R11W

1959

Deposit original cor. N. of iron post.

Land, rolling.

Soil, gravel.

Timber, none.

S. 89° 18' W., along the N. bdy. of sec. 4, T. 25 S., R. 11 W.

Over rolling desert land; asc. gentle E. slope.

7.80

Road, bears NE. and SW.; asc. 90 ft. over E. slope.

38.88

Point for the ¼ sec. cor. of sec. 33, T. 24 S., R. 11 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T24S R11W

¼ S33

1959

40.59

The original ¼ sec. cor. of secs. 4 and 33, a granite stone 4x8x10 ins set, mkd. and witnessed as described in the official record. This cor. will now function as the ¼ sec. cor. of sec. 4, T. 25 S., R. 11 W. only.

At the same point..

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, and in a mound of stone, 3 ft. base, 14 ins. high, with brass cap mkd.

¼ S 4

T25S R11W

1959.

S. 89° 21' W., beginning new measurement.

Asc. gentle E. slope.

2.30

Base of ascent, bears N. and S.; asc. 125 ft. over E. slope of rolling hills.

9.20

Spur, slopes S., 8.00 chs. to end; desc. 80 ft. over W. slope.

14.20

Small wash, drains S. 8.00 chs. to junction, thence E.; asc. E. slope.

17.30

Small spur, slopes S.; desc. over gentle SW. slope.

31.40

Small wash, drains S. 80° E.; asc. 230 ft. over NE. slope.

Dependent Resurvey S. Bdy. T 24 S. R. 11 W.

Chains

- 38.29 Point for the cor. of secs. 32 and 33, T. 24 S., R. 11 W. only.
Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T24S R11W
S32|S33

1959

- 40.08 The original cor. of secs. 4, 5, 32 and 33, a granite stone 14x16x12 ins., set, mkd. and witnessed as described in the official record. This cor. will now function for the cor. of secs. 4 and 5, T. 25 S., R. 11 W. only.

At the same point.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

S 5|S 4
T25S R11W
1959

Deposit original cor. N. of iron post.

Land, rolling and hilly.

Soil, sand and rocks.

Timber, none.

Independent Resurvey of the South Boundary of T. 24 S., R. 11 W.

Superseding the survey executed by A. J. Stewart Jr. in 1882. From the cor. of secs. 4 and 5, T. 25 S., R. 11 W.

West, along the S. boundary of sec. 32..

Over mountainous desert land, covered with shadscale; asc. S. slope.

- 1.80 Spur, slopes S., 6 chs. to flat; desc. 65 ft. over W. slope.
8.80 Small draw, drains S.; asc. 240 ft. over E. slope.
21.60 Rocky spur, slopes S., 8 chs. to end; desc. 160 ft. over S. slope.
31.00 Draw, drains SE. from N.; asc. 60 ft. over E. slope.
35.30 Low spur, slopes S.; desc. 30 ft. along S. slope; enter scattered juniper and pinon.
38.21 Point for the ¼ sec. cor. of sec. 32, T. 24 S., R. 11 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T. 24 S. R. 11 W.

Chains

T24S R11W

1/4 S32

1959

From this cor. the original $\frac{1}{4}$ sec. cor. of secs. 5 and 32, bears S. 75° W., 1.07 chs. dist., a sandstone 12x8x6 ins., plainly mkd. and firmly set. Cor. destroyed.

Cont. along S. slope.

- 40.20 Small wash, drains SE.; asc. 50 ft. over NE. slope.
- 44.00 Low spur, slopes S.; desc. 50 ft. over W. slope.
- 47.80 Draw, drains SE. from N.; asc. 150 ft. over E. slope.
- 58.60 Ridge, bears N. and S. irregularly; asc. 110 ft. along S. slope on top of ridge.
- 66.60 Small draw on mountain top, drains S. 8 chs., thence W.; asc. 20 ft. along S. slope.
- 75.50 Top of ascent on spur sloping S.; desc. 40 ft. along S. slope.
- 78.21 Point for the cor. of secs. 31 and 32, T. 24 S., R. 11 W. only.

Set an iron post, 8 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T24S R11W

S31/S32

1959

From this cor. the original cor. of secs. 5 and 6, 31 and 32, bears S. $76^{\circ} 51'$ W., 1.42 chs. dist., a sandstone 14x12x6 ins., set, mkd. and witnessed as described in the official record. Cor. destroyed.

Land, broken mountain.

Soil, rocky.

Timber, scattered juniper and pinon.

West, along the S. bdy. of sec. 31.

Over mountainous desert land, covered with scattered juniper and pinon; desc. 220 ft. along S. slope.

- 13.30 Draw, drains SW., 8 chs. to junction; thence W.; asc. 130 ft. over SE. slope.
- 22.00 Spur, slopes S. 10 chs. to end; desc. 150 ft. over W. slope.
- 28.90 Draw, drains S.; asc. 180 ft. over SE. slope.
- 39.00 Spur, slopes S.; desc. 40 ft. along ledgy S. slope.
- 40.00 Point for the $\frac{1}{4}$ cor. of sec. 31, T. 24 S., R. 11 W., only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 5 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T Resurvey, S. Bdy., T. 24 S., R. 11 W.

Chains

T24S R11W

 $\frac{1}{2}$ S31
1959

Desc. 310 ft. along ledgy S. slope.

63.20 Wash, 50 lks. wide, 1 ft. deep, drains N. 60° W.; asc. 250 ft. over steep E. slope.

79.40 Spur, slopes N. 18° W.; desc. over W. slope.

80.00 Point for the 1/16 cor. of sec. 31, T. 24 S., R. 11 W., only.

Set an iron post, 30 ins. long, 2½ ins. diam., on solid rock, over an X, and in a mound of stone, 4 ft. base, 28 ins. high, with brass cap mkd..

T24S R11W

 $\frac{1}{16}$ S31 80
1959

Desc. 140 ft. over W. slope.

87.89 Intersect the E. bdy. of T. 25 S., R. 12 W.

At the intersection.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T25S T24S R11W

R12W | S31 CC
S 1 |

From this cor. the cor. of Tps. 24 and 25 S., R. 12 W., bears N. 2.17 chs. dist., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the survey of T. 25 S., R. 12 W.

Land, broken mountain.

Soil, rocky.

Timber, scattered juniper.

Survey of a Portion of the Subdivision of T. 24 S., R. 11 W.

From the cor. of secs. 33 and 34, on the S. bdy.

N. 0° 04' W., bet. secs. 33 and 34.

Over rolling desert land; asc. 30 ft. along gentle E. slope.

22.10 Road, bears S. 20° W., N. 20° E.

42.75 Point for the ¼ sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R11W

 $\frac{1}{4}$
S33 | S34
1959

Asc. 80 ft. along gentle E. slope.

81.20 Small spur, slopes E.; cont. along E. slope.

via 2' S. 1 W.

Chains

82.75 Point for the cor. of secs. 27, 28, 33 and 34 on a calculated sectional correction line.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground in a collar of stone, with brass cap mkd.

T24S R11W

S28|S27

S33|S34

1959

Land, rolling desert.

Soil, sand.

Timber, none.

N. 0° 04' W., bet. secs. 27 and 28.

Over rolling desert land, draining E.; asc. 80 ft. along E. slope.

32.80 Spur, slopes E.; desc. 60 ft. along E. slope.

40.00 Set an iron post, 30 ins. long, 2½ ins. diam., 5 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T24S R11W

½

S28|S27

1959

Asc. 40 ft. along rolling SE. slope,

54.70 Graded road, bears E. and W.; asc. over SE. slope.

80.00 Point for the cor. of secs. 21, 22, 27 and 28.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground and in a mound of stone, 2½ ft. base, to top, with brass cap mkd.

T24S R11W

S21|S22

S28|S27

1959

Land, rolling desert.

Soil, sand and rocks.

Timber, none.

N. 0° 04' W., bet. secs. 21 and 22.

Over rolling desert land; asc. 60 ft. over SE. slope.

32.30 Wash, drains S. 30° E.; asc. 90 ft. over SE. slope.

40.00 Point for the ¼ sec. cor. of secs. 21 and 22.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T24S R11W

¼

S21|S22

1959

Chains

- Asc. 100 ft. over SE. slope.
- 52.80 Spur, slopes S. 20° E., also drainage changes to W.; desc. 100 ft. over N. slope.
- 59.50 Wash, 40 lks. wide, 4 ft. deep, drains W.; asc. 280 ft. over SW. slope.
- 78.70 Spur, slopes S. 60° W. from N. 30° E.; desc. NW. slope.
- 80.00 Point for the cor. of secs. 15, 16, 21 and 22.
- Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
- T24S R11W
S16|S15
S21|S22
1959
- Land, broken to rolling mountain.
Soil, sand and rocks.
Timber, none.
- N. 0° 04' W., bet. secs. 15 and 16.
- Over mountainous desert land; desc. 300 ft. over NW. slope.
- 22.20 Wash, 30 lks. wide, 3 ft. deep, drains N. 70° W.; asc. 150 ft. over slope.
- 36.40 Spur, slopes N. 60° W.; desc. 100 ft. over NE. slope.
- 40.00 Point for the ¼ sec. cor. of secs. 15 and 16.
- Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
- T24S R11W
¼
S16|S15
1959
- Desc. 100 ft. over NE. slope.
- 51.00 Small wash, drains W.; asc. 120 ft. over S. slope.
- 62.30 Spur, slopes S. 60° W.; desc. 120 ft. over NW. slope.
- 74.30 Wash, 50 lks. wide, 3 ft. deep, drains S. 30° W.; asc. 40 ft. over slope.
- 80.00 Point for the cor. of secs. 9, 10, 15 and 16.
- Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
- T24S R11W
S 9|S10
S16|S15
1959
- Land, broken and rolling mountain.
Soil, sand and rocks.
Timber, none.

T24S R11W.

Chains

N. 0° 04' W., bet. secs. 9 and 10.

Over mountainous desert land; asc. 130 ft. over irregular S. slope.

14.00 Spur, slopes W.; desc. 150 ft. over NW. slope.

31.10 Wash, 20 lks. wide, 3 ft. deep, drains N, 80° W.; desc. 70 ft. along E. bank of wash.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 10.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 4 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T24S R11W

$$\begin{array}{r} \frac{1}{4} \\ S\ 9\ S10 \\ 1959 \end{array}$$

Desc. 80 ft. along W. slope.

47.40 Wash, 20 lks. wide, 2 ft. deep, drains NW.; asc. 30 ft. over SW. slope.

53.20 Spur, slopes W.; desc. 160 ft. over NW. slope.

70.30 Wash, 20 lks. wide, 2 ft. deep, drains W.; asc. 40 ft. over S. slope.

73.50 Spur, slopes W.; desc. 100 ft. over N. slope.

80.00 Point for the cor. of secs. 3, 4, 9 and 10.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 12 ins. in the ground, to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T24S R11W

$$\begin{array}{r} S\ 4\ S\ 3 \\ S\ 9\ S10 \\ 1959 \end{array}$$

Land, broken mountain.

Soil, sand and rocks.

Timber, none.

N. 0° 07' E., bet. secs. 3 and 4.

Over mountainous desert land; desc. 100 ft. over N. slope.

23.50 Road, bears E. and W.; desc. 20 ft. over N. slope.

28.40 Wash, 20 lks. wide, 2 ft. deep, drains SW.; asc. 120 ft. over SW. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 4.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 15 ins. in the ground, to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T24S R11W

$$\begin{array}{r} \frac{1}{4} \\ S\ 4\ S\ 3 \\ 1959 \end{array}$$

Asc. 500 ft. over irregular SW. slope.

74.00 Top of long spur, slopes W. irregularly; desc. 180 ft. over N. slope.

82.42 The cor. of secs. 3, 4, 33 and 34 on the N. bdy.

Portion of Subdivis T. 24 S. R. 11 W.

Chains

From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. .
 West, bet. secs. 25 and 36, along a sectional correction line; asc. .
 over low, rolling desert land, 10 ft.

28.00 Unimproved road, bears N. and S.

29.50 Unimproved road, bears N. and S.; asc. . SE. slope, 10 ft.

39.92 Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground,
 with brass cap mkd.

T24S R11W

$\frac{1}{4}$ S25
 S36
 1959

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of iron post.

65.90 Unimproved road, bears N. and S.

67.00 Small wash, drains SE.

75.60 Small wash, drains SE.

79.84 The cor. of secs. 25, 26, 35 and 36.

Land, low, rolling desert.
 Soil, sandy, mixed with light gravel.
 Timber, none.

From the cor. of secs. 1, 2, 35 and 36 on the S. bdy.

N. $0^{\circ} 03' W.$, bet. secs. 35 and 36, over rolling desert land draining
 SE.

15.70 Unimproved road, bears SW. and NE.; asc. gentle S. slope, 30 ft.

40.71 Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground
 to bedrock and in a mound of stone, $3\frac{1}{2}$ ft. base, to top of cap, with
 brass cap mkd.

T24S R11W

$\frac{1}{4}$
 S35|S36
 1959

Asc. S. slope, 10 ft.

43.70 Ridge, bears E. and W.; desc. N. slope, 20 ft.

80.71 Intersect the sectional correction line.

At point of intersection.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground,
 with brass cap mkd.

T24S R11W

S26|S25
 S35|S36
 1959

Section

T. 24 S. R. 11 W.

Chains

No other accessories available.

Land, rolling desert.

Soil, sandy, mixed with light gravel.

Timber, none.

From the cor. of secs. 2, 3, 34 and 35 on the N. bdy.

S. $0^{\circ} 03'$ E., bet. secs. 2 and 3.

Over rolling desert land covered with scattered juniper, shadscale, junegrass, gramma grass and scrub sage; desc. over broken E. slope, 30 ft.

3.50 Small wash, drains S.; desc. E. slope, 230 ft.

39.50 Wash, 2 ft. deep, 20 lks. wide, drains W.; asc. N. slope, 10 ft.

42.34 Point for the $\frac{1}{2}$ sec. cor. of secs. 2 and 3.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

T24S R11W

S 3 | S 2

1959

Asc. N. slope, 80 ft.

57.70 Spur, slopes W.; desc. S. slope, 140 ft.

70.50 Unimproved road, bears NW. and SE.

72.00 Wash, 2 ft. deep, 30 lks. wide, drains SW.; asc. N. slope, 10 ft.

75.80 Unimproved road, bears NW. and SE.; asc. N. slope, 30 ft.

82.34 Point for the cor. of secs. 2, 3, 10 and 11.

At a position calculated to be bet. the cors. of secs. 1, 6, 7 and 12 on the E. bdy., and the cor. of secs. 3, 4, 9 and 10.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R11W

S 3 | S 2

S10 | S11

1959

Land, rolling desert.

Soil, rocky.

Timber, scattered juniper.

N. $89^{\circ} 57'$ E., bet. secs. 2 and 11 on a line calculated to be bet. the corner of secs. 1 and 12 on the E. bdy. and the cor. of secs. 3, 4, 9 and 10.

Over rolling land covered with gramma grass; desc. NE. slope, 10 ft.

13.10 Unimproved road, bears NW. and SE.

Survey Portion of Subdivision T. 24N. 11W.

Chains	
16.00	Wash, 2 ft. deep, 20 lks. wide, drains NW.
19.50	Unimproved road, bears NW. and SE.
30.90	Wash, 2 ft. deep, 20 lks. wide, drains S.
31.30	Unimproved road, bears N. and S.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the with brass cap mkd. T24S R11W $\frac{1}{4}$ S 2 S11 1959
	Raise a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, N. of cor. Asc. W. slope, 90 ft.
80.00	Point for the sec. cor. of secs. 1, 2, 11 and 12. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd. T24S R11W S 2 S 1 S11 S12 1959
	Land, rolling. Soil, light gravel. Timber, none. N. $0^{\circ} 06'$ W., bet. secs. 1 and 2. Over rolling desert land covered with spruce juniper. Asc. along W. slope, 140 ft.
34.80	Small wash, drains W.; asc. W. slope, 20 ft.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 2. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, 4 ft. base, to top of cap, with brass cap mkd. T24S R11W $\frac{1}{4}$ S. 2 S. 1 1959
	Desc. along W. slope, 20 ft.
54.30	Draw, drains W.; asc. S. slope, 30 ft.
62.00	Small spur, slopes W.; desc. N. slope, 20 ft.
69.70	Draw, drains W.; asc. SW. slope, 30 ft.
75.00	Small spur, slopes W.; desc. NW. slope, 70 ft.
79.30	Draw, drains W.; asc. S. slope 80 ft.

T. 24 S. R. 11 W.

Chains

82.24 The cor. of secs. 1, 2, 35 and 36.

Land, rolling.
Soil, gravelly.
Timber, sparse juniper.

From the cor. of secs. 15, 16, 21 and 22.

West, bet. secs. 16 and 21.

Over mountainous desert land; desc. 50 ft. along S. slope.

10.50 Wash, drains SW.; asc. 40 ft. over SE. slope.

14.00 Spur, slopes SE.; desc. 420 ft. over irregular SW. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground,
to bedrock, and in a mound of stone, 3 ft. base, to top, with brass
cap mkd.

T24S R11W

$\frac{1}{4}$ S16
S21
1959

Desc. 90 ft. over SW. slope.

50.00 Wash, drains W. irregularly; desc. 90 ft. over NW. slope.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground,
and in a collar of stone, with brass cap mkd.

T24S R11W

S17 | S16
S20 | S21
1959

Land, broken mountain.
Soil, sand and rocks,
Timber, none.

N. $0^{\circ} 05'$ W., bet. secs. 16 and 17.

Over mountainous desert land; desc. 30 ft. over NW. slope.

4.00 Wash, drains W.; desc. 10 ft. along rolling W. slope.

25.50 Wash, 50 lks. wide, 3 ft. deep, drains W. irregularly; cont. along rolling W. slope.

37.00 Road, bears NE. and SW.; cont. along W. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground,
with a mound of stone, 3 ft. base, to top, with brass cap mkd.

Portion of Subdivision, T. 24 S. R. 11 W.

Chains

T24S R11W

S17 | S16

1959

Cont. along rolling W. slope.

47.00 Road, bears NW. and SE.; cont. along W. slope.

51.50 Wash, drains W.; asc. 50 ft. along SW. slope.

61.00 Low spur, slopes W.; desc. 90 ft. over NW. slope.

80.00 Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground,
and in a collar of stone, with brass cap mkd.

T24S R11W

S 8 | S 9

S17 | S16

1959

Land, rolling.

Soil, sand, clay and rocks.

Timber, none.

From the cor. of secs. 9, 10, 15 and 16.

West, bet. secs. 9 and 16.

Over broken mountain land; desc. 60 ft. over SW. slope.

5.00 Wash, drains S.; asc. 440 ft. over SE. slope.

23.50 Spur, slopes SW.; desc. 250 ft. over W. slope.

39.99 Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground
to bedrock, and in a mound of stone, 3 ft. base, to top, with brass
cap mkd.

T24S R11W

 $\frac{1}{4}$ S 9

S16

1959

Desc. 10 ft. over W. slope.

41.00 Drain, drains NW.; cont. along irregular N. slope.

55.00 Spur, slopes NW.; desc. 300 ft. over W. slope.

79.98 The cor. of secs. 8, 9, 16 and 17.

Land, broken mountain.

Soil, sand and rocks.

Timber, none.

Portion of Subdiv. T. 24 S., R. 11 W.

Chains

From the cor. of secs. 32 and 33 on the S. bdy.

N. 0° 05' W., bet. secs. 32 and 33.

Over mountainous desert land; asc. 50 ft. over SE. slope.

5.20 Spur, slopes SE.; desc. 40 ft. along E. slope

11.20 Slope changes; desc. 130 ft. over NE. slope.

23.00 Wash, 4 ft. deep, 30 lks. wide, drains SE.; asc. 110 ft. over SW. slope. Enter scattered juniper.

34.00 Spur, slopes E.; desc. 100 ft. over SE. slope.

39.80 Small wash, drains E.; asc. 30 ft. over S. slope.

43.75 Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone, 2 $\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T24S R11W

S32 | S33

1959

Asc. 110 ft. over S. slope.

51.80 Ridge, bears NE. and SW. sharply; desc. 70 ft. over NW. slope.

59.00 Small wash, drains NE.; asc. 50 ft. over SE. slope.

83.75 Point for the cor. of secs. 28, 29, 32 and 33 at a position calculated to intersect a sectional correction line.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T24S R11W

S29 | S28

S32 | S33

1959

Land, broken mountain.

Soil, sand and rocks.

Timber, scattered juniper.

From the cor. of secs. 31 and 32 on the S. bdy.

N. 0° 05' W., bet. secs. 31 and 32.

Over mountainous desert land; asc. 150 ft. over S. slope.

16.40 Spur, slopes W.; desc. 170 ft. over N. slope.

32.10 Slope changes; desc. 120 ft. over NE. slope.

40.80 Slope changes; desc. 40 ft. over N. slope.

43.73 Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.

Survey, Portion of Subdivision, T. 24 S., R. 11 W.

Chains	
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 3 ins. in the ground, to bedrock, and in a mound of stone, 5 ft. base, to top, with brass cap mkd.
	T24S R11W
	$\frac{1}{2}$ S31 S32 1959
	Desc. 20 ft. over N. slope.
44.50	Small wash, drains W.; asc. 140 ft. over SW. slope.
59.80	Spur, slopes SW.; desc. 70 ft. along W. slope.
67.90	Saddle, bears N. and S.; asc. 120 ft. over S. slope.
78.40	Ridge, bears NE. and SW.; desc. 120 ft. over N. slope.
83.73	Point for the cor. of secs. 29, 30, 31 and 32, at intersection with sectional correction line.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 5 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, to top, with brass cap mkd.
	T24S R11W
	$\frac{1}{2}$ S30 S29 S31 S32 1959
	Land, broken mountain. Soil, sand and rocks. Timber, scattered juniper.
	From the cor. of secs. 28, 29, 32 and 33.
	West, bet. secs. 29 and 32, along sectional correction line.
	Over mountainous desert land; asc. 170 ft. over E. slope.
12.50	Ridge, bears N. and SW.; desc. 200 ft. over NW. slope.
20.40	Small draw, drains N.; asc. 30 ft. over E. slope.
25.10	Spur, slopes N.; desc. 160 ft. over W. slope.
34.80	Base of steep slope, bears N. and S.; desc. 10 ft. over rolling N. slope in bottom of wide draw.
40.04	Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T24S R11W
	$\frac{1}{4}$ S29 S32 1959
	Desc. 20 ft. over N. slope in bottom of draw.
45.20	Wash, 30 lks. wide, 3 ft. deep, drains N.; asc. 580 ft. over steep and rocky E. slope.
72.60	Ridge, bears NE. and SW.; desc. 200 ft. over NW. slope.

Survey Portion of Subdivision, T. 24 S., R. 11 W.

Chains

80.08

The cor. of secs. 29, 30, 31 and 32.

Land, broken mountain.

Soil, sand and rocks.

Timber, very scattered juniper.

General Description

A variety of land and soil is found in T. 24 S., R. 11 W. The township is located in the northern portion of the Beaver Mountains which bear through the central portion of the township, and are covered with scattered juniper and pinon. The low lands are covered with shadscale and greasewood. The northwestern portion is located in the Sevier Lake bed where there is no vegetation due to the large quantity of salt deposit. The elevation varies from 4519 feet, on the lake bed, to 6200 feet above sea level.

The Crystal Peak Road bears through the township, entering on the eastern boundary between sections 19 and 24, bears E. and W., and leaves the township on the western boundary between sections 25 and 30. There are also several unimproved roads that branch from the Crystal Peak Road and wind throughout the township to sheep camps, water storage ponds, etc.

No permanent water was noted at the time of the survey.

Chains

arrived

Blank

Page

FIELD ASSISTANTS

NAMES	CAPACITY
Lynn S. Griffin	Notes
Morris Blackburn	Chainman
Jeddie J. Judd	Cornerman
DeVon	Flagman
Wil D. Albrect	Transitman
Jerold Knight	Notes
Garv Oviat	Chainman
Gordon Christiansen	Flagman
	Cornerman

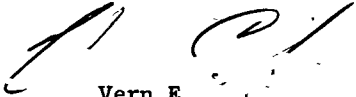
CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that,
pursuance of special instructions bearing date of the 27th day of April,
I have ~~examined~~ supervised the dependent and independent of the south
boundary, the survey and dependent resurvey of the east boundary and survey of
a portion of the subdivision of T. 24 S., R. 11 W.

of the Salt Lake Meridian, in the State of Utah, which
represented in the foregoing field notes as having been executed ~~by me and under my direction~~ under my supervision
said survey has been made in strict conformity with said instructions, the Manual of Instructions for
Survey of the Public Lands of the United States, and in the specific manner described in the forego
field notes.

Salt Lake City, Utah

February 17, 1960


Vern E.
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., DEC 23 1960, 19

The foregoing field notes of the ~~survey of~~ dependent and independent resurvey of the s
boundary, the survey and dependent resurvey of the east boundary, and survey of a
portion of the subdivision of T. 24 S., R. 11 W., Salt Lake Meridian Utah

executed by Craig P. Sylvester, Cadastral Surveyor, and
Alburn D. Griffin, Cadastral Surveyor, under the supervision of
Vern E. Lane, Cadastral Surveyor
having been critically examined and found correct, are hereby approved.


Cadastral Engineering Staff

CERTIFICATE OF TRANSCRIPT

is a true copy of the original

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE
INDEPENDENT RESURVEY AND SURVEY

OF THE EAST BOUNDARY

AND INDEPENDENT RESURVEY

OF THE SOUTH BOUNDARY

AND THE SURVEY

OF A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 24 SOUTH, RANGE 12 WEST

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

Vern E. Lane, Cadastral Surveyor (Chief of Party)

Craig P. Sylvester, Cadastral Surveyor

Under special instructions dated April 27, 1959, which provided

the surveys included under Group No. 411, approved April 27, 1959

and assignment instructions dated April 30, 1959

Survey commenced May 21, 1959

Survey completed June 12, 1959

INDEX DIAGRAM

Township 24 South, Range 12 West

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24 South

2 West

Chains

A portion of the east boundary was surveyed by J. Gorlinski in 1880. The south boundary was surveyed by A. J. Stewart Jr. in 1882. The west boundary was surveyed by A. J. Stewart Jr. in 1882, and independently resurveyed by R. Gentry in 1925. The north boundary was surveyed and independently resurveyed concurrently and shows in the field notes of T. 23 S., R. 12 W.

The following field notes are those of an independent resurvey and survey of the east boundary, an independent resurvey of the south boundary, and the survey of a portion of the subdivision deemed sufficient to facilitate the development of the natural resources and mark the boundaries of those sections that are normally considered state school sections.

The survey was executed with a W. and L. E. Gurley solar transit No. 461263 constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets where available. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude $38^{\circ} 40' 28.86''$ N. and longitude $113^{\circ} 08' 23.02''$ W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be $16^{\circ} 30' E.$

Independent Resurvey of the East T. 24 S. R. 12 W.

Chains

Independent Resurvey of the East Boundary of T. 24 S., R. 12 W.
 Superseding the Survey Executed by J. Gerlinski in 1880.
 No evidence of the original corners was found.

From the cor. of Tps. 24 and 25 S., R. 12 W.

From this cor. the closing cor. of Tps. 24 and 25 S., R. 11 W., bears S. 2.17 chs. dist., an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 25 S., R. 11 W.

North, along the E. bdy. of sec. 36.

Over mountainous desert land, covered with shadscale; desc. 170 ft. over NW. slope.

20.40 Base of mountains, bears NE. and SW.; desc. 50 ft. over rolling NW. slope. Leave mountains.

34.50 Wash, drains NW.; cont. over gentle NW. slope.

38.00 Unimproved road, bears NE. and SW.

40.00 Point for the ¼ sec. cor. of sec. 36, T. 24 S., R. 12 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
 R12W R11W
 ¼
 S36
 1959

41.56 Point for the ¼ sec. cor. of sec. 31, T. 24 S., R. 11 W. only (at a point 40.00 chs. S. of the cor. of secs. 31 and 30, T. 24 S., R. 11 W.)

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
 R12W R11W
 ¼
 S31
 1959

Desc. 100 ft. over gentle NW. slope.

80.00 Point for the cor. of secs. 25 and 36, T. 24 S., R. 12 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
 R12W R11W
 S25
 S36 S31
 1959

Land, rolling.

Soil, clay and gravel.

Timber, none.

Adv. . 24 S. R. 12 W.

Chains

North, along the E. bdy. of sec. 25.

Over-rolling desert land, covered with shadscale; desc. NW. slope.

1.56 Point for the cor. of secs. 30 and 31, T. 24 S., R. 11 W. only. At a position calculated to intersect a sectional correction line extended from the cor. of secs. 25 and 36, on the E. bdy. of T. 24 S., R. 11 W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R12W R11W
S25 | S30
 | S31
 1959

Desc. 100 ft. over gentle NW. slope.

26.00 Road, bears N. $48^{\circ} 30'$ E. and S. $48^{\circ} 30'$ W.40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 25, T. 24 S., R. 12 W. only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R12W R11W
 $\frac{1}{4}$
S25 |
 1959

41.56 Point for the $\frac{1}{4}$ sec. cor. of sec. 30, T. 24 S., R. 11 W. only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd.

T24S
R12W R11W
 $\frac{1}{4}$
S25 | S30
 1959

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of iron post.

Desc. gentle NW. slope.

46.10 Graded road, bears E. and W.; desc. 80 ft. over gentle NW. slope.

80.00 Point for the cor. of secs. 24 and 25, T. 24 S., R. 12 W. only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R12W R11W
S24 | S30
S25 |
 1959

Land, rolling NW. slope.

Soil, clay and gravel.

Timber, none.

Independent Survey, S. 24., T. 24 S., R. 12 W.

North, along the E. bdy. of sec. 24.

Over rolling desert land covered with shrubs; desc. NW. slope.

1.56 Point for the cor. of secs. 19 and 30, T. 24 S., R. 11 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R12W R11W
S24 | S19
 | S30
 1959

Cor. falls on small white gypsum knoll.

Desc. 35 ft. over gentle NW. slope.

10.00 Small wash, drains NW.

40.00 Point for the ¼ sec. cor. of sec. 24, T. 24 S., R. 12 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R12W R11W
 | ¼
S24 |
 1959

41.56 Point for the ¼ sec. cor. of sec. 19, T. 24 S., R. 11 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R12W R11W
 | ¼
 | S19
 1959

Cor. falls on small rise which extends E. and W.

Desc. 30 ft. over gentle NW. slope.

55.70 Unimproved road, bears NE. and SW.

60.00 Point for the cor. of secs. 13 and 24, T. 24 S., R. 12 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground and in a mound of stone, 2½ ft. base, to top, with brass cap mkd.

T24S
R12W R11W
S13 | S19
S24 |
 1959

Land, rolling NW. slope.

Soil, clay, gypsum and gravel.

Timber, none.

T. 24 S. R. 12 W.

Chains

along the E. bdy. of sec. 13.

Over rolling desert land, covered with shadscale; desc. NW. slope.

1.56 Point for the cor. of secs. 18 and 19, T. 24 S., R. 11 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R12W R11WS13 | S18
S19

1959

Desc. 50 ft. over gentle NW. slope.

40.00 Point for the ¼ sec. cor. of sec. 13, T. 24 S., R. 12 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R12W R11W¼ |
S13

1959

41.56 Point for the ¼ sec. cor. of sec. 18, T. 24 S., R. 11 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R12W R11W¼ |
S18

1959

Desc. 30 ft. over gentle NW. slope.

80.00 Point for the cor. of secs. 12 and 13, T. 24 S., R. 12 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S
R12W R11WS12 | S18
S13

1959

Land, rolling NW. slope.

Soil, clay, sand and gravel.

Timber, none.

North, along the E. bdy. of sec. 12.

Over rolling desert land, covered with shadscale; desc. NW. slope.

1.56 Point for the cor. of secs. 7 and 18, T. 24 S., R. 11 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground and in a mound of stone, 2½ ft. base, to top, with brass cap mkd.

T 24 S R. 12 W.

Chains

T24S
R12W R11WS12 | S 7
S18

1959

Desc. 10 ft. over gentle NW. slope.

15.70 Wash, 20 lks. wide, 3 ft. deep, drains NW.

20.90 Top of low spur, slopes NW.

35.90 Wash, drains NW.; cont. over NW. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 12, T. 24 S., R. 12 W. only.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground and in a collar of stone, with brass cap mkd.T24S
R12W R11W $\frac{1}{4}$
S12
195941.56 Point for the $\frac{1}{4}$ sec. cor. of sec. 7, T. 24 S., R. 11 W. only.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground and in a collar of stone, with brass cap mkd.T24S
R13W R11W $\frac{1}{4}$
S 7
1959

Cont. over gentle NW. slope.

68.80 E. shore of Sevier Lake bed, bears NE. and SW. irregularly, dry at time of survey; leave vegetation. Thence over level lake bed.

80.00 Point for the cor. of secs. 1 and 12, T. 24 S., R. 12 W. only.

Set a creosote treated wooden post 4x4 ins., $4\frac{1}{2}$ ft. long, 24 ins. in the ground, with T24S R12W S12 on SW. face, S1 on NW. face. Deposit glass around post.Land, rolling NW. slope and level lake bed.
Soil, clay and gravel on slopes, clay and alkali lake bed.
Timber, none.

Thence North, along E. bdy. of sec. 1, with original survey.

Over level bed of Sevier Lake.

1.56 Point for the cor. of secs. 6 and 7, T. 24 S., R. 11 W. only.

Set a creosote treated wooden post 4x4 ins., $4\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T24S R11W S6 on the NE. face, S7 on the SE. face. Deposit glass around post.40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 1, T. 24 S., R. 12 W. only.Set a creosote treated wooden post 4x4 ins., $4\frac{1}{2}$ ft. long, 24 ins. in the ground. Scribed with T24S R12W $\frac{1}{4}$ S1 on the W. face. Deposit glass around post.

Chains

41.56

Point for the $\frac{1}{2}$ sec. cor. of sec. 6, T. 24 S., R. 11 W. only.

Set a creosote treated wooden post 4x4 ins., $4\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T24S R11W $\frac{1}{2}$ S6 on the E. face. Deposit glass around post.

Cont. over level lake bed.

Point for the cor. of Tps. 23 and 24 S., R. 12 W. at a position E. of the cor. of Tps. 23 and 24 S., R. 12 and 13 W., in accordance with the special instructions.

Set a creosote treated wooden post 4x4 ins., $4\frac{1}{2}$ ft. long, 20 ins. in the ground, scribed with T23S R12W S36 on the NW. face, T24S S1 on the SW. face. Deposit glass around post.

Land, level Sevier Lake bed.

Soil, clay and alkali.

Timber, none.

Independent Resurvey of the South Boundary of T. 24 S., R. 12 W. Superseding the Survey Executed by J. Gorlinski in 1880 and A. J. Stewart, Jr. in 1882. No evidence of original corners was found.

From the cor. of Tps. 24 and 25 S., R. 12 W.

West, along the S. bdy. of sec. 36.

Over mountainous desert land; desc. 200 ft. over W. slope.

27.00

Base of mountains, bears NE. and SW.; desc. 30 ft. over rolling NW. slope.

40.00

Point for the $\frac{1}{2}$ sec. cor. of sec. 36, T. 24 S., R. 12 W. only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground to bedrock and in a mound of stone, $3\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T24S R12W.

$\frac{1}{2}$ S36

T25S

1959.

Desc. 50 ft. over rolling NW. slope.

80.00

Point for the cor. of secs. 35 and 36, T. 24 S., R. 12 W. only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T24S R12W

S35|S36

T25S

1959

Land, rolling desert.

Soil, sand and rocks

Timber, none.

Independent Resurvey, S. Bdy., T. 24 S., R. 12 W.

Chains

West, along the S. bdy. of sec. 35.

Over rolling desert land, draining NW.

31.00 Slope changes to gentle N. slope; road, bears NE. and SW.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 35, T. 24 S., R. 12 W. only.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T24S R12W

 $\frac{1}{4}$ S35

T25S

1959

Cont. along rolling N. slope.

65.30 Wash, 40 lks. wide, 3 ft. deep, drains N.; cont. along rolling N. slope.

75.10 Small wash, drains N.; cont. along rolling N. slope.

80.00 Point for the cor. of secs. 34 and 35, T. 24 S., R. 12 W. only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T24S R12W

834 S35

T25S

1959

Land, rolling N. slope.

Soil, sand, clay and rocks.

Timber, none.

West, along the S. bdy. of sec. 34.

Over rolling desert land, along gentle N. slope.

8.00 Small wash, drains N.; cont. along N. slope.

16.00 Road, bears NE. and SW.; cont. along N. slope.

23.10 Small wash, drains N.; cont. along rolling N. slope.

39.30 Wash, 40 lks. wide, 4 ft. deep, drains N.; cont. along N. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 34 falls in small wash and cannot be perpetuated.40.05 Point selected for the witness $\frac{1}{4}$ sec. cor. of sec. 34, only.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T24S R12W

 $\frac{1}{4}$ S34 W
C

T25S

1959

Cont. along rolling N. slope.

Sec. 33, T. 24 S., R. 12 W.

Chains

- 65.70 Road, bears NE. and SW.; cont. along N. slope.
- 66.10 Small wash, drains N.
- 80.00 Point for the cor. of secs. 33 and 34, T. 24 S., R. 12 W. only.
- Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R12W

S33|S34

T25S

1959

Land, rolling N. slope.

Soil, sand, clay and gravel.

Timber, none.

West, along the S. bdy. of sec. 33.

Over rolling desert land, along gentle N. slope.

- 8.30 Small wash, drains N.
- 32.00 Wash, 40 lks. wide, 3 ft. deep, drains N.; cont. along N. slope.
- 36.60 Wash, 30 lks. wide, 4 ft. deep, drains N.; cont. along N. slope.
- 40.00 Point for the ¼ sec. cor. of sec. 33, T. 24 S., R. 12 W. only.
- Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R12W

¼ S33

T25S

1959

Cont. along rolling N. slope.

- 80.00 Point for the cor. of secs. 32 and 33, T. 24 S., R. 12 W. only.
- Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R12W

S32|S33

T25S

1959

Cor. falls on small rise about 25 ft. high, extending N. and S.

Land, rolling N. slope.

Soil, clay, sand and gravel.

Timber, none.

West, along S. bdy. of sec. 32.

Over rolling desert land, draining N.; desc. 40 ft.

- 11.00 Wash, 20 lks. wide, 4 ft. deep, drains N.; asc. 70 ft. along rolling N. slope.

Independent Survey, S. Bdy., T. 24 S., R. 12 W.

Chance

Notes

11.30 Road, bears N. and S.

30.70 Low spur, slopes N.; cont. along rolling N. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 32, T. 24 S., R. 12 W., only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to bedrock and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T24S R12W

 $\frac{1}{4}$ S32

T25S

1959

Desc. 50 ft. along rolling N. slope.

48.30 Wash, 30 lks. wide, 3 ft. deep, drains N.; asc. 100 ft. along N. slope.

62.50 Spur, slopes N.; desc. 130 ft. over rolling NW. slope.

80.00 Point for the cor. of secs. 31 and 32, T. 24 S., R. 12 W., only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R12W

S31|S32

T25S

1959

Land, rolling N. slope.

Soil, sand, clay and gravel.

Timber, none.

West, along S. bdy. of sec. 31.

Over rolling desert land, draining NW.; desc. 40 ft. over NW. slope.

35.00 Small wash, drains NW.; desc. 10 ft. over gentle NW. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 31, T. 24 S., R. 12 W., only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R12W

 $\frac{1}{4}$ S31

T25S

1959

Desc. 30 ft. over rolling NW. slope.

61.00 Small wash, drains NW.; desc. 10 ft. over gentle NW. slope.

76.16 The cor. of Tps. 24 and 25 S., Rs. 12 and 13 W., an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

Land, rolling desert.

Soil, sand, clay and gravel.

Timber, none.

. Portion of Subdivision, T. 24 S., R. 12 W.

Chains

Survey of a Portion of the Subdivision of T. 24 S., R. 12 W.

From the cor. of secs. 35 and 36, T. 24 S., R. 12 W.

N. 0° 01' W., bet. secs. 35 and 36.

Over rolling desert land; desc. 90 ft. over gentle NW. slope.

35.30 Road, bears NE. and SW.; desc. gentle NW. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T24S R12W

$\frac{1}{4}$
S35|S36
1959

Desc. 70 ft. over gentle NW. slope.

80.00 Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T24S R12W

$\frac{1}{4}$
S26|S25
S35|S36
1959

Land, gentle NW. slope.
Soil, gravel and rocks.
Timber, none.

From the cor. of secs. 25 and 36 on the E. bdy.

N. 89° 58' W., bet. secs. 25 and 36.

Over rolling desert land; desc. 30 ft. over gentle NW. slope.

19.50 Wash, 20 lks. wide, 3 ft. deep, drains NW.; desc. 40 ft. over gentle NW. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R12W

$\frac{1}{4}$
S25
S36
1959

Desc. 30 ft. over NW. slope.

52.10 Road, bears NE. and SW.; desc. 60 ft. over NW. slope.

78.90 Small wash, drains NW.; desc. NW. slope.

80.00 The cor. of secs. 25, 26, 35 and 36.

Land, gentle NW. slope.
soil, sand, gravel and rocks.
Timber, none.

Portion of

T. 24S

R. 12W

Chains

From the cor. of secs. 33 and 34 on the S. bdy.

N. $0^{\circ}02'$ W., bet. secs. 33 and 34.

Over rolling desert land; desc. 20 ft. over gentle N. slope.

17.90 Wash, 20 lks. wide, 2 ft. deep, drains N. irregularly; desc. 30 ft. over gentle N. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R12W

$\frac{1}{4}$
S33|S34
1959

Desc. 60 ft. over gentle N. slope.

80.00 Point for the cor. of secs. 27, 28, 33 and 34.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R12W

S28|S27
S33|S34
1959

Land, rolling.
Soil, clay and gravel.
Timber, none.

N. $0^{\circ}02'$ W., bet. secs. 27 and 28.

Over rolling desert land; desc. 30 ft. over gentle N. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 28.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R12W

$\frac{1}{4}$
S28|S27
1959

Desc. 10 ft. over gentle N. slope.

54.20 Graded road, bears E. and W.; desc. 20 ft. over N. slope.

80.00 Point for the cor. of secs. 21, 22, 27 and 28.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T24S R12W

S21|S22
S28|S27
1959

Land, rolling N. slope.
Soil, sand and gravel.
Timber, none.

of vision T24S R12W

Chains

N. 0° 02' W., bet. secs. 21 and 22.

Over rolling desert land; desc. 15 ft. over gentle N. slope.

23.80 Wash, 20 lks. wide, 2 ft. deep, drains N. irregularly; desc. 10 ft. over gentle N. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 21 and 22.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R12W

S21 S22

1959.

Desc. 50 ft. over gentle N. slope.

80.00 Point for the cor. of secs. 15, 16, 21 and 22.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R12W

S16 S15

S21 S22

1959

Land, rolling N. slope.

Soil, clay and gravel.

Timber, none.

N. 0° 02' W., bet. secs. 15 and 16.

Over rolling desert land; desc. 20 ft. over gentle N. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R12W

S16 S15

1959

Desc. gentle N. slope.

49.00 S. shore of Sevier Lake bed, dry at time of survey, bears E. and W. irregularly; cont. over level lake bed.

80.00 Point for the cor. of secs. 9, 10, 15 and 16.

Set a creosote treated wooden post 4x4 ins., $4\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T24S R12W S9 on the NW. face, S10 on NE. face, S15 SE. face, and S16 SW. face.

Deposit glass around post.

Land, rolling N. slope and level lake bed.

Soil, sand and gravel on lake shore, clay and alkali on lake bed.

Timber, none.

Survey of T. 24 S. R. 12 W.

Chains

N. 0° 02' W., bet. secs. 9 and 10.

Over level land of Sevier Lake bed.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 10.

Set a creosote treated wooden post 4x4 ins., 4 $\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T24S R12W $\frac{1}{4}$ S10 on the E. face, and S9 on the W. face.

Deposit glass around post.

80.00 Point for the cor. of secs. 3, 4, 9 and 10.

Set a creosote treated wooden post 4x4 ins., 4 $\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T24S R12W S4 on the NW. face, S3 on the NE. face, S10 on the SE. face, and S9 on the SW. face.

Deposit glass around the post.

Land, level lake bed.

Soil, clay and alkali.

Timber, none.

N. 0° 03' E., bet. secs. 3 and 4.

Over level land of Sevier Lake bed.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 4.

Set a creosote treated wooden post 4x4 ins., 4 $\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T24S R12W $\frac{1}{4}$ S3 on the E. face, and S4 on the W. face.

Deposit glass around post.

80.39 The cor. of secs. 3, 4, 33 and 34 on the N. bdy.

Land, level lake bed.

Soil, clay and alkali.

Timber, none.

From the cor. of secs. 2, 3, 34 and 35 on the N. bdy.

S. 0° 01' E., bet. secs. 2 and 3.

Over level land of Sevier Lake bed.

40.41 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3.

Set a creosote treated wooden post 4x4 ins., 4 $\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T24S R12W $\frac{1}{4}$ S2 on E. face, and S3 on W. face.

Deposit glass around post.

80.41 Point for the cor. of secs. 2, 3, 10 and 11.

Set a creosote treated wooden post 4x4 ins., 4 $\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T24S R12W S10 on the SW. face, S3 on the NW. face, S2 on the NE. face, and S11 on the SE. face.

Deposit glass around post.

Land, level lake bed.

of

T. 24 S. R. 12 W.

Chains

Soil, clay and alkali.
 Timber, none.

S. 89° 59' E., bet. secs. 2 and 11 on a line calculated bet. the cor. of secs. 1 and 12 on the E. bdy. and the cor. of secs. 3, 4, 9 and 10.

Over level land of Sevier Lake bed.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11.

Set a creosote treated wooden post 4x4 ins., 4 $\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T24S R12W $\frac{1}{4}$ S2 on the N. face, and S11 on the S. face.

Deposit broken glass around post.

80.00 Point for the cor. of secs. 1, 2, 11 and 12.

Set a creosote treated wooden post 4x4 ins., 4 $\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T24S R12W S11 on the SW. face, S2 on the NW. face, S1 on the NE. face, and S12 on the SE. face.

Deposit glass around post.

Land, level lake bed.
 Soil, clay and alkali.
 Timber, none.

N. 0° 01' W., bet. secs. 1 and 2,

Over level land of Sevier Lake bed.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 2.

Set a creosote treated wooden post 4x4 ins., 4 $\frac{1}{2}$ ft. long, 24 ins. in the ground, scribed with T24S R12W $\frac{1}{4}$ S2 on the W. face, and S1 on the E. face.

Deposit glass around post.

80.40 The cor. of secs. 1, 2, 35 and 36.

Land, level lake bed.
 Soil, clay and alkali.
 Timber, none.

From the cor. of secs. 15, 16, 21 and 22.

West, bet. secs. 16 and 21.

Over rolling desert land, covered with shadscale; desc. 30 ft. over gentle NW. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground and in a collar of stone, with brass cap mkd.

of

24

Chains

T24S R12W

 $\frac{1}{4}$ S16

S21

1959

Desc. gentle NW. slope.

49.00 Small wash, drains N.; asc. along gentle N. slope.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the and in a collar of stone, with brass cap mkd.

T24S R12W

S17 S16

S20 S21

1959

Land, rolling.

Soil, sand, clay and gravel.

Timber, none.

N. $0^{\circ} 03'$ W., bet. secs. 16 and 17.

Over rolling desert land, covered with shadscale; desc. gentle N. slope.

35.70 S. shore of Sevier Lake bed, bears NE. and SW. irregularly; leave vegetation.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17.Set a creosote treated wooden post 4x4 ins., $4\frac{1}{2}$ ft. long, 24 ins. the ground, scribed with T24S R12W $\frac{1}{4}$ S16 on the E. face, and S17 on the W. face.

Deposit glass around post.

80.00 Point for the cor. of secs. 8, 9, 16 and 17.

set a creosote treated wooden post 4x4 ins., $4\frac{1}{2}$ ft. long, 24 ins. the ground, scribed with T24S R12W S17 on the SW. face, S8 on the face, S9 on the NE. face, and S16 on the SE. face.

Deposit glass around post.

Land, rolling on lake shore, level on lake bed.

Soil, sand on lake shore, clay and alkali on lake bed.

Timber, none.

From the cor. of secs. 9, 10, 15 and 16.

N. $89^{\circ} 58'$ W., bet. secs. 9 and 16.

Over level land of Sevier Lake bed.

40.01 Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16.Set a creosote treated wooden post 4x4 ins., $4\frac{1}{2}$ ft. long, 24 ins. the ground, scribed with T24S R12W $\frac{1}{4}$ S9 on the N. face, S16 on the face.

Deposit glass around post.

R. 12 W.

Chains

80.02

The cor. of secs. 8, 9, 16 and 17.

Along and

Land, level lake bed.

Soil, clay and alkali.

Timber, none.

From the cor. of secs. 32 and 33, T. 24 S., R. 12 W.

N. 0° 03' W., bet. secs. 32 and 33.

Over rolling desert land, covered with shadscale.

5.30

Top of small rise; desc. 80 ft. over rolling N. slope.

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R12W

S32 | S33

1959

Desc. 60 ft. over gentle N. slope.

74.90

Road, bears NE. and SW.; desc. gentle N. slope.

80.00

Point for the cor. of secs. 28, 29, 32 and 33.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T24S R12W

S29 | S28

S32 | S33

1959

Land, rolling N. slope.

Soil, sand and gravel.

Timber, none.

From the cor. of secs. 31 and 32, T. 24 S., R. 12 W.

N. 0° 03' W., bet. secs. 31 and 32.

Over rolling desert land, covered with shadscale; desc. 110 ft. over gentle NW. slope.

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground and in a mound of stone, $2\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T24S R12W

S31 | S32

1959

Desc. 30 ft. over gentle NW. slope.

53.20

Wash, 30 lks. wide, 2 ft. deep, drains NW.; asc. 10 ft. along W. slope.

of Subdivis T. 24 R. 2 W.

Chains

- 80.00 Point for the cor. of secs. 29, 30, 31 and 32.
Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.
- T24S R12W
S30|S29
S31|S32
1959
- Land, rolling.
Soil, sand, clay and gravel.
Timber, none.
-
- From the cor. of secs. 28, 29, 32 and 33.
West, bet. secs. 29 and 32.
Over rolling desert land, covered with shadscale; asc. 10 ft. along N. slope.
- 15.90 Small wash, drains N.; asc. 30 ft. along N. slope.
- 39.98 Point for the ¼ sec. cor. of secs. 29 and 32.
Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
- T24S R12W
¼ S29
¼ S32
1959
- Asc. 20 ft. along N. slope.
- 48.00 Low spur, slopes N.; desc. 100 ft. over gentle W. slope.
- 79.96 The cor. of secs. 29, 30, 31 and 32.
Land, rolling.
Soil, gravel.
Timber, none.

General Description

The terrain covered by T. 24 S., R. 12 W. consists of rolling desert land, with the exception of the north portion which is covered by muddy Sevier Lake bed. The entire south portion consists of rolling north slope draining north into Sevier Lake bed. A strip about two miles wide extends along the west side of Sevier Lake bed to the north boundary of the township, and drains east into the lake bed.

A graded gravel road enters the township on the east boundary of section 25, bears generally west and leaves the township on the west boundary of section 30. There are several unimproved roads branching out from this road, leading to winter sheep camps and feeding grounds. The entire township can be traveled with a four wheel drive vehicle, except Sevier Lake bed which is covered with mud.

24

12 West

Chains

The vegetation consists of shadscale, bunch grass and greasewood on the shore of the lake bed; no vegetation grows on the lake bed. There is no timber.

The soil varies from gravel on the higher slopes, clay and sand on the lake shore, to muddy clay mixed with alkali on the lake bed.

The elevation varies from about 4,600 to 5,000 feet above sea level.

No permanent water was noted during the survey.

Chaina

FIELD ASSISTANTS

10-53565-2

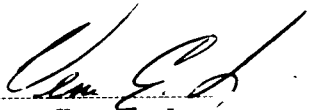
CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, pursuance of special instructions bearing date of the 27th day of April, 1960, I have ~~surveyed~~ supervised the independent resurvey and survey of the east independent resurvey of the south boundary, and survey of a portion of the subdivision of T. 24 S., R. 12 W.

of the Salt Lake Meridian, in the State of Utah, which ~~represented in the foregoing field notes as having been executed by me and under my direction;~~ under my supervision said survey has been made in strict conformity with said instructions, the Manual of Instructions for Survey of the Public Lands of the United States, and in the specific manner described in the field notes.

Salt Lake City, Utah

February 11, 1960


Vern E. Lane
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., Feb 23 1960, 1960

The foregoing field notes of the ~~survey of~~ independent resurvey and survey of the east boundary, independent resurvey of the south boundary, and survey of a portion of the subdivision of T. 24 S., R. 12 W., Salt Lake Meridian, Utah

executed by Craig P. Sylvester, Cadastral Surveyor, under the supervision of Vern E. Lane, Cadastral Surveyor having been critically examined and found correct, are hereby approved.


Cadastral Engineering Staff C

CERTIFICATE OF TRANSCRIPT

_____, is a true copy of the original field "

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT AND INDEPENDENT RESURVEY

OF THE EAST BOUNDARY

RETRACEMENT OF THE SOUTH BOUNDARY

AND THE

SURVEY OF A PORTION OF THE SUBDIVISION OF

TOWNSHIP 25 SOUTH, RANGE 12 WEST

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

Craig P. Sylvester, Cadastral Surveyor

Vern E. Lane, Cadastral Surveyor (Chief of Party)

Under special instructions dated April 27, 1959, which provided

for the surveys included under Group No. 411, approved April 27, 1959

and assignment instructions dated April 30, 1959

Survey commenced May 5, 1959

Survey completed June 2, 1959

INDEX DIAGRAM

Township 25 South, Range 12 West

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Township 25 South, Range 12 West

Chains The east boundary was surveyed by J. Gorlinski in 1880 and resurveyed by A. J. Stewart Jr. in 1882. The north boundary was surveyed by A. J. Stewart Jr. in 1882, and independently resurveyed concurrently and described in the field notes of T. 24 S., R. 12 W. The south boundary was surveyed by A. J. Stewart Jr. in 1875 and independently resurveyed by H. W. Miller in 1921. The west boundary was surveyed by A. J. Stewart Jr. in 1882 and independently resurveyed by H. W. Miller in 1921.

The following field notes are those of a dependent and independent resurvey of the east boundary. A retracement of the south boundary and the survey of a portion of the subdivision of T. 25 S., R. 12 W. deemed sufficient to facilitate the development of the natural resources and mark the boundaries of those sections normally considered state school sections.

Before restoring corners the lines of the original survey were retraced and a diligent search made for any evidence of the original corners. The rules of proportionate measurement were applied to ascertain the position of the lost corners after every reasonable possibility of finding direct evidence of the corners had been exhausted.

The survey was executed with a W. and L. E. Gurley solar transit No. 461263 constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a one chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 38° 35' 15.42" N. and longitude 113° 08' 20.68" W., as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 16° 30' East.

Dependent Resurvey of the West Boundary of T. 25 S., R. 11 W., With the Establishment of New Corners at Regular Intervals in Northing for Independent Resurvey of T. 25 S., R. 12 W., T. 26 S., R. 11 W.

Reestablishment of the survey executed by J. Gorlinski in 1880, and the resurvey made by A. J. Stewart Jr. in 1882.

Dependent Resurvey of the West Boundary, T. 25 S., R. 12 W.

- Chains From the standard Tp. cor. of T. 25 S., Rs. 11 and 12 W., an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.
- N. 0° 40' W., along the W. bdy. of sec. 31.
- Over rolling desert land, draining E.
- 21.90 Unimproved road, bears E. and W.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 36, T. 25 S., R. 12 W. only.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground in a collar of stone, with brass cap mkd.
- T25S
R12W R11W
 $\frac{1}{4}$
S36
1959
- 40.39 The original $\frac{1}{4}$ sec. cor. of secs. 31 and 36, a sandstone 10x10x10 set, mkd. and witnessed as described in the official record. This cor. will now function as the $\frac{1}{4}$ sec. cor. of sec. 31, T. 25 S., R. W. only.
- At the same point
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the gr. in a collar of stone, with brass cap mkd.
- T25S
R12W R11W
 $\frac{1}{4}$
S31
1959
- Deposit original cor. N. of iron post.
- N. 0° 27' W., beginning new measurement.
- 31.80 Small wash, drains E.
- 39.61 Point for the cor. of secs. 25 and 36, T. 25 S., R. 12 W. only.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the in a collar of stone, with brass cap mkd.
- T25S
R12W R11W
S25
S36
1959
- 40.27 The original cor. of secs. 25, 30, 31 and 36, a sandstone 12x16x8 set, mkd. and witnessed as described in the official record. This cor. will now function as the cor. of secs. 30 and 31, T. 25 S., R. 11 W. only.
- At the same point
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the gr. to bedrock, in a mound of stone, $2\frac{1}{2}$ ft. base, to top, with brass mkd.
- T25S
R12W R11W
S30
S31
1959

Chains

of Post of T. 25 S., R. 11 W.

Land, rolling desert.
Soil, sand and clay.
Timber, none.

N. 0° 33' W. along W. bdy. of sec. 30.

Over rolling desert land, draining E.; asc. 20 ft. along gentle E. slope.

.34 Point for the $\frac{1}{4}$ sec. cor. of sec. 25, T. 25 S., R. 12 W. only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd.

T25S

R12W R11W

S25

1959

.49 The original $\frac{1}{4}$ sec. cor. of secs. 25 and 30, a sandstone 10x8x6 ins., set, mkd. and witnessed as described in the official record. This cor. will now function as the $\frac{1}{4}$ sec. cor. of sec. 30, T. 25 S., R. 11 W. only.

At the same point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, in a collar of stone, with brass cap mkd.

T25S

R12W R11W

S30

1959

N. 0° 57' W., beginning new measurement.

5.50 Bulldozed road, bears NW and SE.; cont. along gentle E. slope.

99.85 Point for the cor. of secs. 24 and 25, T. 25 S., R. 12 W. only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.

T25S

R12W R11W

S24

S25

1959

1.27 The original cor. of secs. 19, 24, 25 and 30, a sandstone 10x13x7 ins., set, mkd. and witnessed as described in the official record. This cor. will now function as the cor. of secs. 19 and 30, T. 25 S., R. 11 W. only.

At the same point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, in a mound of stone, $2\frac{1}{2}$ ft. base to top, with brass cap mkd.

T25S

R12W R11W

S19

S30

1959

Chains

Land, rolling E. slope.
Soil, sand and gravel.
Timber, none.

N. 0° 50' W., along W. bdy. of sec. 19, T. 25 S., R. 11 W.

Over rolling desert land, draining E.; asc. gentle E. slope.

- 1.00 Unimproved road, bears E. and W.
16.00 Swale, drains E.; asc. 20 ft. over gentle SE. slope.
38.58 Point for the $\frac{1}{4}$ sec. cor. of sec. 24, T. 25 S., R. 12 W. only.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground in a collar of stone, with brass cap mkd.

T25S
R12W R11W
 $\frac{1}{4}$
S24
1959

- 40.17 The original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, a sandstone 10x10x8 set, mkd. and witnessed as described in the official record. This cor. will now function for the $\frac{1}{4}$ sec. cor. of sec. 19, T. 25 S., R. 11 W. only.

At the same point

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground in a collar of stone, with brass cap mkd.

T25S
R12W R11W
 $\frac{1}{4}$
S19
1959

Deposit original cor. N. of iron post.

N. 0° 39' W., beginning new measurement.

- 35.60 Base of hills, bears irregularly NE. and SW.; asc. 20 ft. over rolling SE. slope.
38.41 Point for the cor. of secs. 13 and 24, T. 25 S., R. 12 W. only.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 14 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T25S
R12W R11W
S13
S24
1959

- 40.24 The original cor. of secs. 13, 18, 19 and 24, a sandstone 14x14x10 ins., set, mkd. and witnessed as described in the official record. This cor. will now function as the cor. of secs. 18 and 19, T. 25 S. R. 11 W. only.

At the same point

Resurvey of the West of T. 25 S., R. 12 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T25S
R12W R11W
S18
S19
1959

Deposit original cor. N. of iron post.

Land, rolling to hilly.
Soil, sand and rocky.
Timber, very scattered juniper in hills.

North, along the E. bdy. of sec. 13, T. 25 S., R. 12 W., with independent resurvey, superseding the survey executed by J. Gorlinski in 1880, and resurvey executed by A. J. Stewart Jr. in 1182. No evidence of original cor. was found. Over rolling desert land, through scattered juniper; asc. 250 ft. over SE. slope.

- 33.10 Spur, slopes E.; desc. 110 ft. along E. slope.
- 37.80 Wash, 40 lks. wide, 3 ft. deep, drains E.; asc. 30 ft. along E. slope.
- 38.17 Point for the ¼ sec. cor. of sec. 13, T. 25 S., R. 12 W. only.
Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T25S
R12W R11W
¼
S13
1959

Asc. 20 ft. along E. slope.

- 43.20 Spur, slopes E.; desc. 70 ft. along E. slope.
- 54.80 Wash in bottom of draw, drains SE.; asc. 110 ft. along E. slope.
- 78.17 Point for the cor. of secs. 12 and 13, T. 25 S., R. 12 W. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to bedrock, in a mound of stone, 5 ft. base to top, with brass cap mkd.

T25S
R12W R11W
S12
S13
1959

Land, broken mountains.
Soil, sand and rocks.
Timber, scattered juniper.

North, along the E. bdy. of sec. 12, T. 25 S., R. 12 W.
Over desert mountain land, through scattered juniper and pinion; asc. 500 ft. along steep E. slope.

Independent Resurvey of the East Boundary of T. 25 S., R. 12 W.

Chains	
40.00	Point for the $\frac{1}{2}$ sec. cor. of sec. 12, T. 25 S., R. 12 W. only. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the to bedrock, in a mound of stone, 3 ft. base to top, with brass cap <div style="text-align: center;">T25S R12W R11W $\frac{1}{2}$ S12 1959</div>
	Asc. 350 ft. over rocky E. slope.
67.00	Top of ascent on ridge, bears S. and NE.; desc. 240 ft. over NW. slope.
76.00	Wash in bottom of draw, drains NE.; asc. 30 ft. over SE. slope.
80.00	Point for the cor. of secs. 1 and 12, T. 25 S., R. 12 W. only. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the to bedrock, in a mound of stone, 3 ft. base to top, with brass cap <div style="text-align: center;">T25S R12W R11W S1 S12 1959</div>
	Land, broken mountain. Soil, sand and rocks. Timber, medium growth of scrub juniper and pinion.
	North, along the E. bdy. of sec. 1, T. 25 S., R. 12 W. Over broken mountain land, through medium growth of timber; asc. 50 over SE. slope.
16.00	Spur, slopes NE. 10 chs., thence N.; desc. 600 ft. over broken N. slope.
34.30	Wash in bottom of draw, drains W.; asc. 90 ft. over S. slope.
40.00	Point for the $\frac{1}{2}$ sec. cor. of sec. 1, T. 25 S., R. 11 W. only. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the gr. in a mound of stone, 3 ft. base to top, with brass cap mkd. <div style="text-align: center;">T25S R12W R11W $\frac{1}{2}$ S1 1959</div>
	Cor. falls on top of spur sloping W.; desc. 220 ft. over NW. slope; leave timber.
51.90	Wash, drains W.; asc. 40 ft. along W. slope.
60.20	Spur, slopes W. 6 chs. to flat; desc. 50 ft. along W. slope.
63.70	Drain, drains W.; asc. 40 ft. along W. slope.
69.30	Spur, slopes W.; desc. 180 ft. along W. slope.
78.38	The closing Tp. cor. of Tps. 24 and 25 S., R. 11 W.

Independent Resurvey of the East Boundary of T. 25 S., R. 12 W.

Chains

80.55

Point for the cor. of Tps. 24 and 25 S., R. 12 W., at a point east of the cor. of Tps. 24 and 25 S., Rs. 12 and 13 W., in accordance with the special instructions.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T24S
R12W R11W
S36|S31
S1
T25S
1959

Land, broken mountains.

Soil, sand and rocks.

Timber, scattered juniper and pinion on S. portion of line.

Retracement of Fifth Standard Parallel South through R. 12 W.

A retracement of this entire line shows the bearing of this line to be S. 89° 55' W. throughout its entire length, instead of the recorded bearing of West. All measurements and topography to remain as shown in the official record.

Survey of a Portion of the Subdivision, T. 25 S., R. 12 W.

From the standard cor. of secs. 35 and 36, T. 25 S., R. 12 W., a 2 ins. iron post, set, mkd. and witnessed as described in the official record.

North, bet. secs. 35 and 36, with sec. guide meridian.

Over rolling desert land covered with shadscale, drains E.; desc. 30 ft.

23.00 Small wash, drains NE.; desc. 20 ft. along gentle E. slope.

40.00 Point for the ¼ sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd.

T25S R12W
¼
S35|S36
1959

Cor. falls in swale draining NE.; asc. gentle SE. slope.

43.20 Road, bears NW. and SE.; asc. 30 ft. over gentle SE. slope.

79.30 Wash, 50 lks. wide, 3 ft. deep, drains irregularly E.

80.00 Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.

Survey of a Portion of the Subdivision of T. 25 S., R. 12 W

Chains

T25S R12W

S26|S25

S35|S36

1959

Land, rolling desert.
Soil, sand and gravel.
Timber, none.

From the cor. of secs. 25 and 36, on the E. bdy. of the Tp.

S. 89° 53' W., bet. secs. 25 and 36.

Over rolling desert land covered with shadscale; asc. 40 ft. over gentle E. slope.

37.70 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the in a collar of stone, with brass cap mkd.

T25S R12W

$\frac{1}{4}$ S25 W

S36 C

1959

39.30 Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36, falls in wash and be perpetuated; asc. 60 ft. over gentle E. slope.

79.30 The cor. of secs. 25, 26, 35 and 36.

Land, rolling desert.
Soil, sand and gravel.
Timber, none.

From the cor. of secs. 33 and 34, T. 25 S., R. 12 W., an iron post, ins. diam., set, mkd. and witnessed as described in the official

N. 0° 01' W., bet. secs. 33 and 34.

Over mountainous desert land, through scattered juniper and pinion.

.75 Wash, 30 lks. wide, 3 ft. deep, drains NE.; asc. 70 ft. over SE. sl

8.70 Spur, slopes NE.; desc. 130 ft. over NW. slope.

22.80 Wash, 20 lks. wide, 3 ft. deep, drains NE.; asc. 40 ft. over SE. sl

27.90 Low spur, slopes NE.; desc. 40 ft. over N. slope.

30.90 Small wash, drains E.; asc. 40 ft. over S. slope.

35.20 Spur, slopes E.; desc. 10 ft. over N. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap

T25S R12W

$\frac{1}{4}$ S33 S34

1959

135
155

of a Portion of the Subdivision of T. 25 S. R. 12 W.

Chains

Desc. 70 ft. over N slope.

44.40 Wash, drains NE.; asc. 120 ft. over SE. slope.

53.60 Spur, slopes SW.; desc. 70 ft. over NW. slope.

80.00 Point for the cor. of secs. 27, 28, 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T25S R12W

S28|S27

S33|S34

1959

Land, rolling mountain.

Soil, rocky.

Timber, scattered juniper and pinion.

N. 0° 01' W., bet. secs. 27 and 28.

Over mountainous desert land covered with scattered juniper; desc. 10 ft. over NW. slope.

6.10 Wash, 20 lks. wide, 3 ft. deep, drains NE.; asc. 30 ft. over S. slope.

12.10 Low spur, slopes E.; desc. 20 ft. over N. slope.

16.30 Wash, drains E.; asc. 40 ft. over S. slope.

28.70 Wash, drains SE.; asc. 50 ft. over SW. slope.

35.00 Spur, slopes W.; desc. 10 ft. along W. slope.

40.00 Point for the ¼ sec. cor. of secs. 27 and 28.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground in a collar of stone, with brass cap mkd.

T25S R12W

S28|S27

1959

Desc. 10 ft. along W. slope.

42.80 Drain, drains SW.; asc. 130 ft. over SE. slope.

56.70 Top of spur in saddle, bears SW. from NE.; desc. 30 ft. along W. slope.

70.30 Drain, drains SW.; asc. 80 ft. along irregular SE. slope.

80.00 Point for the cor. of secs. 21, 22, 27 and 28.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground in a collar of stone, with brass cap mkd.

T25S R12W

S21|S22

S28|S27

1959

Land, rolling mountains.

Soil, sand and rocks.

Timber, scattered juniper and pinion.

Survey of a Portion of the Subdivision of T. 4 N. R. 12 W.

Chains	N. 0° 01' W., bet. secs. 21 and 22.
	Over mountainous desert land covered with scattered juniper and asc. 50 ft. over irregular SW. slope.
23.30	Wash, 20 lks. wide, 2 ft. deep, drains SW.; asc. 270 ft. over SE. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 21 and 22.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the gr. to bedrock, in a mound of stone, 3 ft. base to top, with brass cap
	T25S R12W $\frac{1}{4}$ S21 S22 1959
	Asc. 80 ft. over SE. slope.
47.00	Top of ascent on ridge, bears irregularly NE. and SW.; desc. 220 ft along steep W. slope.
71.00	Slope changes to NW.; desc. 200 ft.
80.00	Point for the cor. of secs. 15, 16, 21 and 22.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the gr. to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T25S R12W S16 S15 S21 S22 1959
	Land, broken mountains. Soil, sand, clay and rocks. Timber, scattered juniper and pinion.
	N. 0° 01' W., bet. secs. 15 and 16.
	Over broken mountain land covered with scattered juniper and pinion desc. 120 ft. over NW. slope.
7.50	Wash, 20 lks. wide, 3 ft. deep, drains NE.; asc. 90 ft. along E. sl.
26.40	Spur, slopes NE.; desc. 240 ft. over N. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 16.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the gr. to bedrock, in a mound of stone, 4 ft. base to top, with brass cap
	T25S R12W $\frac{1}{4}$ S16 S15 1959
	Desc. 90 ft. over N. slope.
51.60	Wash, 10 lks. wide, 2 ft. deep, drains NW.; asc. 20 ft. along W. sl
55.20	Low spur, slopes NW.; desc. 110 ft. over NW. slope; leave timber.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.

Survey of a Portion of the Subdivision of T. 25 S., R. 12 W.

Chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.

T25S R12W
 $\frac{S\ 9}{S16} | \frac{S10}{S15}$
 1959

Land, broken mountains.
 Soil, sand and rocks.
 Timber, scattered juniper and pinion.

N. $0^{\circ} 01'$ W., bet. secs. 9 and 10.

Over mountainous desert land; desc. 10 ft. over NW. slope.

3.40 Small wash, drains NW.; desc. 120 ft. over NW. slope.

36.00 Wash, 30 lks. wide, 4 ft. deep, drains N. 10° E.; desc. 10 ft. over NE. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 10.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground in a collar of stone, with brass cap mkd.

T25S R12W
 $\frac{S\ 9}{S16} | \frac{S10}{S15}$
 1959

Desc. 100 ft. over NE. slope.

80.00 Point for the cor. of secs. 3, 4, 9 and 10.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground in a collar of stone, with brass cap mkd.

T25S R12W
 $\frac{S4}{S9} | \frac{S3}{S10}$
 1959

Land, rolling mountains.
 Soil, sand and rocks.
 Timber, none.

N. $0^{\circ} 01'$ W., bet. secs. 3 and 4.

Over rolling desert land; desc. 100 ft. over gentle N. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, in a mound of stone, $2\frac{1}{2}$ ft. base to top, with brass cap mkd.

T25S R12W
 $\frac{S4}{S9} | \frac{S3}{S10}$
 1959

Desc. 80 ft. over gentle N. slope.

Survey of a Portion of the Subdivision of T. 25 R. 12 W.

Chains

71.50

Road, bears NE. and SW.

81.24

Point for the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the in a mound of stone, $2\frac{1}{2}$ ft. base to top, with brass cap mkd.

T24S R12W

S34

S4 | S3

C C

T25S R12W

1959

From this cor. the cor. of secs. 33 and 34, T. 24 S., R. 12 W., bears West 2.95 chs. dist.

Land, rolling N. slope.

Soil, clay and gravel.

Timber, none.

The point for the cor. of secs. 1 and 2, on the N. bdy. of the Tp., at a position calculated to intersect a sectional guide meridian extended from the standard cor. of secs. 35 and 36 on the S. bdy. of the Tp.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the in a mound of stone, 3 ft. base to top, with brass cap mkd.

T24S R12W

S2 | S1

T25S R12W

1959

From this cor. the cor. of secs. 35 and 36, T. 24 S., R. 12 W. West 2.82 chs. dist.

South, bet. secs. 1 and 2, on calculated sectional guide meridian.

Over rolling desert land; asc. 170 ft. over NW. slope.

40.83

Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the in a mound of stone, 3 ft. base to top, with brass cap mkd.

T25S R12W

$\frac{1}{4}$

S2 | S1

1959

Cont. over NW. slope.

47.40

Wash, 3 lks. wide, 2 ft. deep, drains NW.; asc. 80 ft. over NW. sl

61.40

Drain, drains NW.; also base of steep ascent; asc. 270 ft. over N. slope.

78.40

Spur, slopes W.; desc. 40 ft. over S. slope.

80.83

Point for the cor. of secs. 1, 2, 11 and 12.

Survey of a Portion of the Subdivision of T. 25 S. R. 12 W.

Chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T25S R12W

S2|S1

S11|S12

1959

Land, rolling desert.

Soil, gravel.

Timber, none.

S. $89^{\circ} 49'$ W. bet secs. 2 and 11, on a line calculated bet. the cor. of secs. 1 and 12 on the E. bdy. and the cor. of secs. 3, 4, 9 and 10.

Over rolling desert land, desc. 130 ft. along S. slope.

8.10 Wash, 10 lks. wide, 3 ft. deep, drains NW.; asc. 30 ft. along N. slope.

7.00 Spur, slopes N.; desc. 130 ft. over NW. slope.

.00 Wash, 30 lks. wide, 2 ft. deep, drains NW.; cont. along N. slope.

.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T25S R12W

$\frac{1}{4}$ S 2

S11

1959

Desc. 60 ft. along N. slope.

1.00 Wash, 20 lks. wide, 3 ft. deep, drains N.; cont. along N. slope.

2.30 Wash, 20 lks. wide, 2 ft. deep, drains N.; desc. 10 ft. along N. slope.

7.50 Small wash, drains N.; cont. along N. slope.

.00 Small wash, drains N.; cont. along N. slope.

.00 Point for the cor. of secs. 2, 3, 10 and 11.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T25S R12W

S3|S2

S10|S11

1959

Land, rolling desert.

Soil, sand and gravel.

Timber, none.

N. $0^{\circ} 01'$ W., bet. secs. 2 and 3.

Over rolling desert land; desc. 80 ft. over N. slope.

Survey of a Portion of the Subdivision of T. 25 S., R. 12 W.

Chains	
21.60	Graded road, bears E. and W.; desc. 40 ft. over N. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the in a mound of stone, 3 ft. base to top, with brass cap mkd. T25S R12W $\frac{1}{4}$ S3 S2 1959 Desc. 100 ft. over rolling N. slope.
81.09	Intersect the S. bdy. of T. 24 S., R. 12 W. Point for the closing cor. of secs. 2 and 3. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the in a mound of stone, 3 ft. base to top, with brass cap mkd. T24S R12W <hr/> S3 S2 T25S R12W C C 1959 From this cor. the cor. of secs. 34 and 35, T. 24 S., R. 12 W. is West 2.82 chs. dist. Land, rolling desert. Soil, gravel. Timber, none. Point for the $\frac{1}{4}$ sec. cor. on the N. bdy. of sec. 2 is midpoint bet. the cor. of secs. 1 and 2 and the closing cor. of secs. 2 and 3. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the in a mound of stone, 3 ft. base to top, with brass cap mkd. <hr/> $\frac{1}{4}$ S2 T25S R12W 1959 From this cor. the $\frac{1}{4}$ sec. cor. of sec. 35, T. 24 S., R. 12 W. bears West 2.82 chs. dist., an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the field notes of T. 24 S., R. 12 W. From the cor. of secs. 15, 16, 21 and 22. S. $89^{\circ} 55'$ W., bet. secs. 16 and 21. Over broken mountain land covered with scattered juniper and pinion; desc. 80 ft. over NW. slope.
5.80	Wash, 20 lks. wide, 3 ft. deep, drains NE.; asc. 220 ft. over NE. slope.
15.40	Spur, slopes SW.; desc. 530 ft. over SW. slope.
39.80	Wash, 30 lks. wide, 2 ft. deep, drains N.; asc. NE. slope.

Survey of a Portion of the Subdivision of T. 25 S., R. 12 W.

Chains

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21.
Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.

T25S R12W

$\frac{1}{4}$ S16
S21

1959

Asc. 70 ft. over NE. slope.

45.60 Low spur, slopes N.; asc. 140 ft. over irregular NE. slope.

65.90 Top of ascent on spur sloping N.; desc. 80 ft. along irregular N. slope.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.
Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T25S R12W

S17 | S16
S20 | S21

1959

Land, broken mountain.
Soil, sand and rocks.
Timber, scattered juniper and pinion.

N. $0^{\circ} 02'$ W., bet. secs. 16 and 17.

Over mountainous desert land covered with scattered juniper and pinion; desc. 250 ft. over N. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, in a collar of stone, with brass cap mkd.

T25S R12W

$\frac{1}{4}$ S17 | S16

1959

Desc. 40 ft. over N. slope.

46.30 Wash, 20 lks. wide, 2 ft. deep, drains NW.; asc. 100 ft. over SW. slope.

53.60 Spur, slopes NW.; desc. 120 ft. over N. slope.

65.50 Wash, drains NE.; asc. 30 ft. over S. slope.

71.90 Spur, slopes E.; desc. 100 ft. over NE. slope.

80.00 Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.

T25S R12W

S8 | S9
S17 | S16

1959

Survey of a Portion of the Subdivision of T. 25 S., R. 12 W.

Chains

Land, broken mountains.
Soil, sand and rocks.
Timber, scattered juniper.

From the cor. of secs. 9, 10, 15 and 16.

S. 89° 58' W., bet. secs. 9 and 16.

Over rolling desert land, through scattered juniper and pinion;
20 ft. over NW. slope.

10.30 Wash, 20 lks. wide, 3 ft. deep, drains N.; cont. along rolling N.
slope.

27.40 Unimproved road, bears N. and S.

30.60 Small wash, drains N.

38.20 Small wash, drains N.

39.97 Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the gr.
in a collar of stone, with brass cap mkd.

T25S R12W

$\frac{1}{4}$ $\frac{S\ 9}{S16}$
1959

Asc. 20 ft. along rolling N. slope.

41.60 Low spur, slopes N.; cont. along rolling N. slope.

43.70 Small wash, drains N.

67.90 Unimproved road, bears NW. and SE.

77.40 Wash, 20 lks. wide, 3 ft. deep, drains NW.

79.94 The cor. of secs. 8, 9, 16 and 17.

Land, rolling N. slope.
Soil, sand, clay and gravel.
Timber, scattered juniper.

From the standard cor. of secs. 32 and 33, an iron post, 2 ins.
set, mkd. and witnessed as described in the official record.

N. 0 02' W., bet. secs. 32 and 33.

Over mountainous desert land covered with scattered juniper and
asc. 100 ft. over SE. slope of spur.

10.80 Spur, slopes NE.; desc. 400 ft. over NW. slope.

32.00 Base of steep descent, bears NE. and SW.; desc. 60 ft. over rolling
NW. slope.

40.00 Wash, 30 lks. wide, 2 ft. deep, drains NE.

Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33 falls in wash and
be perpetuated.

Survey of a Portion of the Subdivision of T. 25 S., R. 12 W.

Chains

40.14 Point selected for the witness $\frac{1}{2}$ sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.

T25S R12W

S32|S33

W C

1959

Cont. along E. slope.

48.60 Small wash, drains NE.; cont. along E. slope.

56.32 Wash, drains E.; asc. 40 ft. along E. slope.

70.00 Spur, slopes NE.; desc. 40 ft. over gentle NW. slope.

80.00 Point for the cor. of secs. 28, 29, 32 and 33.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T25S R12W

S29|S28

S32|S33

1959

Land, mountainous desert.

Soil, gravel and rocks.

Timber, scattered juniper and pinion.

From the standard cor. of secs. 31 and 32, an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

N. $0^{\circ} 03'$ W., bet, secs. 31 and 32.

Over mountainous desert land covered with scattered juniper and pinion; desc. 90 ft. over NE. slope.

7.50 Wash, 20 lks. wide, 3 ft. deep, drains E.; asc. 80 ft. over SE. slope.

21.00 Drain, drains SE.; asc. 420 ft. over S. slope.

40.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T25S R12W.

S31|S32

1959

Asc. 40 ft. over S. slope.

44.50 Crest of high peak on ridge which bears NE. and SW. irregularly; desc. 100 ft. over NW. slope.

53.40 Spur, slopes NW.; desc. 210 ft. over N. slope.

60.70 Wash, 30 lks. wide, 2 ft. deep, drains N. 10° W.; desc. 20 ft. along W. slope.

67.20 Spur, slopes W.; desc. 80 ft. over NW. slope.

Survey of a Portion of the Subdivision T. 25 S. R. 12 W.

Chains	
74.20	Draw; drains W.; cont. along W. slope.
80.00	Point for the cor. of secs. 29; 30, 31 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the in a mound of stone, 3 ft. base to top, with brass cap mkd. <div style="text-align: center;"> T25S R12W S30 S29 S31 S32 1959 </div>
	Land, mountainous desert. Soil, gravel and rocks. Timber, scattered juniper and pinion.
	From the cor. of secs. 28, 29, 32 and 33. S: 89° 54' W., bet. secs. 29 and 32. Over mountainous desert land covered with scattered juniper and pinion; desc. 25 ft. over NW. slope.
2.80	Wash, 10 lks. wide, 1 ft. deep, drains NE.; asc. 200 ft. over E. slope.
12.40	Spur, slopes N.; desc. 50 ft. over W. slope.
25.20	Wash, 30 lks. wide, 3 ft. deep, drains SE.; asc. 320 ft. over NE. slope.
39.50	Spur, slopes N.; desc. NW. slope.
40.07	Point for the ¼ sec. cor. of secs. 29 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the in a collar of stone, with brass cap mkd. <div style="text-align: center;"> T25S R12W ¼ S29 S32 1959 </div>
	Desc. 50 ft. over NW. slope.
48.00	Drain, drains NE.; asc. 260 ft. over rocky E. slope.
65.20	Ridge, bears N. and S. irregularly; desc. 140 ft. over NW. slope.
72.50	Small drain, drains NW.; desc. 50 ft. along W. slope.
80.14	The cor. of secs. 29, 30, 31 and 32. Land, mountainous desert. Soil, gravel and rocks. Timber, scattered juniper and pinion.

GENERAL DESCRIPTION

T. 25 S., R. 12 W. consists mainly of mountainous desert land of San Francisco and Beaver Mountains, which cross diagonally from the southeast to the northeast portions of the township. The southeast portion consists of rolling desert land draining east to the Beaver River. The north portion consists of rolling north slopes draining north into Sevier Lakebed.

Township 25 South, Range 12 West

Chains

Access to the township can be gained by several unimproved roads which meander around the base of the mountains fanning out to numerous winter sheep camp grounds. The lower elevations of the township can be traveled by four-wheel drive vehicles.

The elevation varies from about 5,000 to 7,300 feet above sea level. The vegetation of the township consists of shadscale and scattered bunch grass and sagebrush. A medium growth of juniper and pinion grows on the higher elevations of the mountains.

The soil is gravelly and rocky with the exception of the southeast portion, which is sandy with gravel spots. No permanent water was noted during the survey.

U. S. G. S. triangulation station "Beaver" is located near the corner of sections 1 and 12 on the east boundary of the township. Its geographic position is latitude $38^{\circ} 39' 34.95''$ N. and longitude $113^{\circ} 08' 34.36''$ W.

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FIELD ASSISTANTS

116 *Estuaries* 22

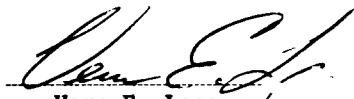
CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, pursuant of special instructions bearing date of the 27th day of April, I have ~~surveyed~~ supervised the dependent and independent resurvey retracement of the south boundary and survey of a portion of the subdivision of T. 25 S., R. 12 W.

of the Salt Lake Meridian, in the State of Utah, which represented in the foregoing field notes as having been executed by me and under my direction; and said survey has been made in strict conformity with said instructions, the Manual of Instructions for Survey of the Public Lands of the United States, and in the specific manner described in the field notes.

Salt Lake City, Utah

February 11, 1960


Vern E. Lane
Cadastral

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., DEC 23 1960, 19

The foregoing field notes of the ~~survey of~~ dependent and independent boundary, retracement of the south boundary and survey of a portion of vision of T. 25 S., R. 12 W., Salt Lake Meridian, Utah

executed by Craig P. Sylvester, Cadastral Surveyor, under the a
E. Lane, Cadastral Engineer and Chief of Party,
having been critically examined and found correct, are hereby approved.


Cadastral Engineering Staff O

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 25 S., R. 12 W., SLM, Utah, is a true copy of the original field notes.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL
FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF THE EIGHTH STANDARD PARALLEL SOUTH THROUGH R. 6 W.

A PORTION OF THE EIGHTH STANDARD PARALLEL SOUTH THROUGH R. 5 W.

A PORTION OF THE PANGUITCH AND KANAB GUIDE MERIDIAN THROUGH T. 41 S.

AND THE SOUTH BOUNDARY

AND THE SURVEY

OF A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 41 SOUTH, RANGE 6 WEST

Of the

Salt Lake

Meridian,

of the State of

Utah

EXECUTED BY

George D. Voorhees, Cadastral Surveyor (Chief of Party)

Donald A. Cannon, Cadastral Surveyor

Boyd S. Owens, Cadastral Surveyor

per special instructions dated June 8 , 1959 , which provided

the surveys included under Group No. 427 , approved June 19, 1959

assignment instructions dated August 11 , 1959

Survey commenced September 11 , 1959

Survey completed September 29 , 1959

INDEX DIAGRAM

Township 41 South, Range 6 West

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16-56770-1

Donald A. Cannon _____

Boyd S. Owens _____

Township 41 South, Range 6 West

Chains

The north boundary or the Eighth Standard Parallel South was surveyed by T. C. Bailey in 1876, the east boundary or the Panguitch and Kanab Guide Meridian was surveyed by J. G. Burrill in 1876 and partially resurveyed by Clark, Thoma and Johnston in 1916. The south boundary was surveyed by A. B. Lewis in 1897, and the west boundary was surveyed by Yundt, Moore and Nelson in 1921.

The following field notes are those of a dependent resurvey of a portion of the Eighth Standard Parallel South through R. 5 W., the Eighth Standard Parallel South through R. 6 W., a portion of the Panguitch and Kanab Guide Meridian through T. 41 S., and the south boundary; and a survey of a portion of the subdivision of T. 41 S., R. 6 W., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections that normally are considered state school sections.

The survey was executed with W. & L. E. Gurley solar transits Nos. 541331 and 580614, conforming to the standard specifications of the Bureau of Land Management. The instruments were maintained in precise adjustment throughout the survey.

Before restoring the corners a search was made for any evidence of the corners and accessories called for in the original field note record. The recovered corners were then monumented. After completing the necessary retracements to connect with the identified corner points, the rules of proportionate measurement were applied to ascertain the position of the lost corners. When no control was possible, the lost corners were placed at record course and distance. Corners on east-west lines of the original survey completed at this time were set on the true latitudinal curve; lines connecting previously established corners were run by the random and true method. For simplification of the record, the random lines and retracements are omitted from these field notes. In accordance with the intent of the special instructions, all subdivisional corners established, are calculated to be at the position they would occupy if the entire township were subdivided.

The measurements were made with a long steel tape, eight chains in length, graduated every link for the first chain and thereafter at intervals of ten links. The tape was tested by comparison with a standard steel tape, one chain in length, and found to be correct. All measurements were made on the slope, the vertical angle of each interval determined by use of a clinometer in good adjustment. The horizontal equivalents only appear in the field note record. The length of all lines was determined by chaining wherever possible, otherwise by traverse or triangulation methods. The details of such traverses and triangulations were thoroughly verified and, in order to simplify the record, are omitted from these field notes.

The geographic position for the southeast corner of the township is latitude $37^{\circ} 11' 40''$ N., longitude $112^{\circ} 27' 54''$ W., as scaled from U. S. G. S. topographic maps.

The magnetic declination was read at a number of stations in the township and the average of the several readings was found to be $16\frac{1}{2}^{\circ}$ East.

Dependent Resurvey of a Portion of the Eighth Standard Parallel South Through Range 5 West.

Reestablishment of the survey executed by T. C. Bailey in 1876.

The closing cor. for Tps. 41 S., Rs. 5 and 6 W.; reestablished at record dist. from a bearing tree.

Resurvey, Portion of the Standard Parallel S.

Chains

A pinon tree, 14 ins. diam., bears S. 20° E., 20 lks. dist.,
mkd. T41S R5W S6 BT

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground,
with brass cap mkd.

T40S R5W
S31
S 1 | S 6
R6W R5W
T41S
C C
1959

Deposit mkd. stone at base of iron post.

No other suitable accessories available.

NOTE: As no cor. was recovered within a reasonable dist. to the E.,
this cor. is adopted as control for reestablishment of the cors. of
the Eighth Standard Parallel South through R. 6 W.

Thence

N. 89° 53' W., along S. bdy. of sec. 31.

Through medium timber; desc. 30 ft. over rolling SW. slope.

11.11 Point for the standard cor. of T. 40 S., Rs. 5 and 6 W., at
proportionate dist.; no evidence of the original cor. remains.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground,
with brass cap mkd.

S C
T40S
R6W R5W
S36 | S31

1959

Raise a mound of gypsum N. of iron post.

No other suitable accessories available.

Land, rolling hills.

Soil, loam.

Timber, juniper and pinon.

Dependent Resurvey of the Eighth Standard Parallel South through R. 6

Reestablishment of the survey executed by T. C. Bailey in 1876

Beginning at the cor. of T. 40 S., Rs. 5 and 6 W.

N. 89° 53' W., along the S. bdy. of sec. 36.

Through medium timber; asc. 10 ft. along S. slope.

4.90 Spur, slopes SW.; desc. 50 ft. over W. slope.

7.60 Leave heavy timber, enter gently rolling land; desc. 60 ft. through
scattered timber and sagebrush.

Standard Parallel South R. 6 W.

Chains

- 28.50 Wash, 80 lks. wide, 15 ft. deep, drains N. 60° W.
- 30.90 Leave scattered timber.
- 39.695 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 36, at proportionate dist.; no evidence of the original cor. remains.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

S C
T40S R6W

$\frac{1}{4}$ S36

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Cont. over gently rolling land, draining NW.

- 58.10 Wash, 50 lks. wide, 12 ft. deep, drains S. 70° W.

- 66.50 Low spur, slopes N.

- 68.03 Point for the closing cor. of secs. 1 and 2, at proportionate dist.; no evidence of the original cor. remains.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap mkd.

T40S R6W
S36

S 2 | S 1

T41S R6W

C C

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Cont. over gently rolling land.

- 79.39 Point for the standard cor. of secs. 35 and 36, at proportionate dist.; no evidence of the original cor. remains.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

S C
T40S R6W

935 | S36

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Land, rolling hills, descending to gently rolling sage flats.

Soil, clay.

Timber, pinon and juniper.

Standard Parallel South

R. 6 W.

Chains

N. 89° 53' W., along the S. bdy. of sec. 35.

Over gently rolling sagebrush flat..

7.80 Wash, 20 lks. wide, 5 ft. deep, drains NW.

18.10 Unimproved road, bears N. 15° W. and S. 15° E.

25.80 Wash, 30 lks. wide, 5 ft. deep, drains NW.

39.695 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 35, at proportionate dist.
no evidence of the original cor. remains.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground,
with brass cap mkd.

S C
T40S R6W
 $\frac{1}{4}$ S35
1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Cont. over gently rolling land.

40.70 Unimproved road, bears N. and S.; asc. 20 ft. over rolling land,
draining S.

44.60 Leave sagebrush flat, enter scattered timber.

58.10 Spur, slopes S.; desc. 80 ft. over W. slope.

61.80 Enter bottomland along Kanab Creek; cont. over bottomland.

68.28 Point for the closing cor. of secs. 2 and 3, at proportionate dist.;
no evidence of the original cor. remains.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground,
with brass cap mkd.

T40S R6W
S35
S 3 | S 2
T41S R6W
C C
1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

68.80 Kanab Creek, dry at the time of survey, 1 ch. wide, 10 ft. deep,
drains S. irregularly.

75.80 Unimproved road, bears N. and S.

79.39 Point for the standard cor. of secs. 34 and 35, at proportionate dist.
no evidence of the original cor. remains.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground
and in a mound of stone, to top, with brass cap mkd.

Standard Parallel South R. 6 W.

Chains

S C
T40S R6W
S34 S35

1959

Land, rolling.
Soil, sand and clay.
Timber, juniper and pinon.

N. 89° 53' W., along the S. bdy. of sec. 34.

3.00 Net wire fence, bears N. and S.; enter scattered timber; asc. 70 ft. over E. slope.

7.40 Spur, slopes S.; cont. over gently rolling land, draining SW.

39.695 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 34, at proportionate dist.; no evidence of the original cor. remains.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone, to top, with brass cap mkd.

S C
T40S R6W
 $\frac{1}{4}$ S34

1959

Cont. over gently rolling land.

77.20 Unimproved road, bears N. and S.

79.39 The standard cor. of secs. 33 and 34, monumented by a granite stone, 4x12x18 ins., mkd. SC on N. face, 3 notches on E. face and 3 notches on W. face, set 6 ins. in the ground.

At the cor. point

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 16 ins. in the ground and in a mound of stone, to top, with brass cap mkd.

S C
T40S R6W
S33 S34

1959

Deposit original cor. in mound around iron post.

Land, rolling.

Soil, clay.

Timber, scattered juniper and pinon.

S. 89° 56' W., along the S. bdy. of sec. 33.

Over rolling land, through scattered timber.

25.40 Unimproved road, bears N. 50° E. and S. 50° W.

26.40 E. edge of canyon, bears N. and S. irregularly; desc. 140 ft. over broken W. slope.

39.455 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 33, at proportionate dist.; no evidence of the original cor. remains.

Dependent Resurvey, Eighth Standard Parallel South through R. & W.

CHAINS

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the and in a mound of stone, to top, with brass cap mkd.

S C
T40S R6W
 $\frac{1}{4}$ S33

1959

No other suitable accessories available.

Desc. abruptly 110 ft. over W. slope.

48.90 Wash, 50 lks. wide, 10 ft. deep, at junction with wash from the NW. drains S. 75° W.; asc. abruptly 250 ft. over E. slope.

58.40 W. edge of canyon, bears NW. and SE.; cont. over gently rolling lan.

78.91 The standard cor. of secs. 32 and 33, monumented by a limestone, $3 \times 12 \times 18$ ins., mkd. SC on N. face, 4 notches on E. face, and 2 on W. face, set 9 ins. in the ground.

At the cor. point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the gr with brass cap mkd.

S C
T40S R6W
S32 | S33

1959

Set original cor. alongside iron post.

Set a juniper post, 4 ft. long, 4 ins. diam., alongside iron post.

No other suitable accessories available.

Land, rolling benchland, cut by canyons.

Soil, clay.

Timber, scattered juniper and pinon.

N. $89^{\circ} 44'$ W., along the S. bdy. of sec. 32.

Over gently rolling land, through thinly scattered timber.

4.00 Unimproved road, bears N. and S.

10.30 Unimproved road, bears N. 40° E. and S. 40° W.

39.815 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 32, at proportionate dis no evidence of the original cor. remains.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the gr with brass cap mkd.

S C
T40S R6W
 $\frac{1}{4}$ S32

1959

From which

A juniper, 5 ins. diam., bears N. 18° W., 16 lks. dist.; mkd. $\frac{1}{4}$ S32 BT

Detailed

R. 6 W.

Chains

Cont. over gently rolling land, through scattered timber and medium undergrowth.

- 69.70 Unimproved road, bears N. 60° W. and S. 60° E.
- 79.50 Wash, 20 lks. wide, 4 ft. deep, drains S.
- 79.63 The standard cor. of secs. 31 and 32, monumented by a limestone 6x10x20 ins., mkd. SC on N. face, 5 notches on E. face and 1 notch on W. face, set 8 ins. in the ground.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

S C
T40S R6W
S31|S32

1959

Set original cor. alongside iron post.

Set a juniper post, 6 ft. long, 5 ins. diam., alongside iron post.

No other suitable accessories available.

Land, rolling.

Soil, clay.

Timber, scattered juniper.

Undergrowth, sage.

N. 89° 39' W., along the S. bdy. of sec. 31.

Over rolling land, through scattered timber, and fair growth of sage.

- 33.90 Wash, 15 lks. wide, 4 ft. deep, drains S. 50° E.

- 40.16 Point for the ¼ sec. cor. of sec. 31, at proportionate dist., no evidence of the original cor. remains.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.

S C
T40S R6W
¼ S31

1959

From which

A pinon, 6 ins. diam., bears N. 4° 20' E., 77 lks. dist., mkd. ¼ S31 BT

Cont. over rolling land, draining SE.

- 54.10 Wash, 30 lks. wide, 15 ft. deep, drains S. 50° E.

- 73.59 The closing cor. for T. 41 S., Rs. 6 and 7 W., monumented by an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

- 80.32 The standard cor. of T. 40 S., Rs. 6 and 7 W., monumented by a limestone 6x8x19 ins., dimly mkd.

, Eighth Standard Parallel

6 W.

Chains

From which the original bearing trees

A juniper stump, 9 ins. diam., bears S. 57° W., 160 lks.
dist., dimly mkd.

A juniper, 11 ins. diam., bears N. 26° W., 132 lks. dist.,
mkd. T40S R7W S36 BT

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground
and in a mound of stone, to top, with brass cap mkd.

S C
T40S
R7W R6W
S36 S31

1959

Set original cor. in mound around iron post.

No other suitable accessories available.

Land, rolling.

Soil, clay.

Timber, juniper and pinon.

Undergrowth, sage and oak brush.

Dependent Resurvey of a Portion of the
Panguitch and Kanab Guide Meridian of T. 41 S.

Reestablishment of the survey executed by J. G. Burrill in 1876.

Beginning at the cor. of T. 41 S., Rs. 5 and 6 W., monumented by a
juniper post, 4x4x2½ ft., mkd. with 6 notches on N., S., E. and W.
faces.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the gr
with brass cap mkd.

T41S
R6W R5W
S36 S31

S 6
T42S R5W
1959

Set original cor. alongside iron post.

No other suitable accessories available.

Thence

N. 0° 08' W., along the E. bdy. of sec. 36, T. 41 S., R. 6 W.

Over rolling land, through scattered to medium timber.

6.00 Spur, slopes W.; desc. 120 ft. abruptly over N. slope.

11.30 Wash, 10 lks. wide, 4 ft. deep, drains W.; asc. abruptly 80 ft. on
slope.

Portion of Panguitch & Kanab Guide Mer., T. 41 S.

Chains

- 14.60 Slope changes; asc. 30 ft. along W. slope.
- 19.90 Spur, slopes S. 80° W.; desc. 10 ft. along W. slope.
- 23.10 Slope changes; desc. 130 ft. over N. slope.
- 27.70 Wash, 20 lks. wide, 5 ft. deep, drains W. to wash in bottom of Brown Canyon; asc. 100 ft. over SW. slope.
- 35.70 Spur, slopes N. 60° W.; desc. 50 ft. over N. slope.
- 38.68 The original $\frac{1}{4}$ sec. cor. of secs. 31 and 36, monumented by an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

I remark the cor. to read:

A P

1959

1916

This cor. now functions as an angle point only.

N. 0° 11' E., beginning new measurement.

Cont. along W. slope.

- 1.32 Point for the $\frac{1}{4}$ sec. cor. of sec. 36.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T41S
 $\frac{1}{4}$ S36
R6W

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Desc. 50 ft. over N. slope.

- 13.90 Wash, 120 lks. wide, 20 ft. deep, drains SW. about 6 chs. to junction with wash in bottom of Brown Canyon.

Asc. 50 ft. over S. slope.

- 17.20 Spur, slopes SW. about 5 chs. to end; desc. 50 ft. along W. slope.

- 24.20 Base of descent on W. slope, bears NE. and SW.; thence across flat.

- 38.50 N. edge of flat, bears N. 60° E. and S. 60° W.; asc. 90 ft. over SE. slope.

- 40.50 Spur, slopes S. 60° W.; desc. 20 ft. along W. slope.

- 41.32 Point for the cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

Dependent Resurvey, Portion of Panguitch &

Guide

41 S.

Chains

T41S
R6W R5W
S25 S31
S36

1959

Deposit mkd. stone at base of iron post.

No other suitable accessories available.

Land, rolling bottom of Brown Canyon.

Soil, sand and exposed sandstone.

Timber, juniper and pinon.

Undergrowth, oakbrush and manzanita.

N. 0° 11' E., along the E. bdy. of sec. 25.

Asc. 10 ft. along W. slope.

- .17 The closing cor. of secs. 30 and 31, monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

- .87 The original cor. of secs. 25, 30, 31 and 36, monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

I change the markings to read:

A P

1959

1916

This cor. now functions as an angle point only.

Land, rolling bottom of Brown Canyon.

Soil, sand and exposed sandstone.

Timber, juniper and pinon.

Undergrowth, oakbrush and manzanita.

From the cor. of secs. 13, 18, 19 and 24, monumented by an iron post 2 ins. diam., set, mkd. and witnessed as described in the official record.

N. 0° 08' W., bet. secs. 13 and 18.

Asc. 30 ft. along rolling E. slope.

- 39.795 Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 18, at proportionate dist. no evidence of the original cor. remains.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the with brass cap mkd.

T41S

R6W R5W

 $\frac{1}{4}$

S13 S18

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Portion of

T. 41 S.

Guide Mer

T. 41 S.

Chains

Asc. 30 ft. over SE. slope.

58.80 Unimproved road, bears E. and W.; asc. 20 ft. over SE. slope.

79.59 Point for the cor. of secs. 7, 12, 13 and 18, at proportionate dist.; no evidence of the original cor. remains.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T41S

R6W R5W

S12 | S 7

S13 | S18

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Land, rolling benchland.

Soil, sand.

Timber, thinly scattered juniper and pinon.

Undergrowth, oakbrush and sage.

N. 0° 08' W., bet. secs. 7 and 12.

Through thinly scattered timber and medium undergrowth; asc. 10 ft. over SE. slope.

2.80 Wash, 20 lks. wide, 2 ft. deep, drains SE.; asc. 30 ft. over SE. slope.

13.90 Spur, slopes E.; cont. along E. slope.

14.20 Unimproved road, bears NE. and SW.

20.40 Ridge, bears NE. and SW.; enter medium timber and dense undergrowth; desc. 60 ft. over rolling N. slope.

39.795 Point for the ¼ sec. cor. of secs. 7 and 12, at proportionate dist.; no evidence of the original cor. remains.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T41S

R6W R5W

¼

R12 | S 7

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Desc. 80 ft. over rolling NW. slope.

61.30 Wash, 30 lks. wide, 8 ft. deep, drains NW.; cont. along W. slope.

72.40 Recross road, bears NW. and SE.; desc. 30 ft. over N. slope.

78.90 Wash, 20 lks. wide, 10 ft. deep, drains W.

79.59 Point for the cor. of secs. 1, 6, 7 and 12, at proportionate dist.; no evidence of the original cor. remains.

Portion of

41 S.

Chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., $2\frac{1}{2}$ ins. in the gr. with brass cap mkd.

T41S

R6W R5W

S 1 | S 6

S12 | S 7

1959

Deposit mkd. stone at base of iron post.

No other suitable accessories available.

Land, rolling hills.

Soil, sand and clay.

Timber, scattered to medium juniper and pinon.

Undergrowth, sage and oakbrush.

N. $0^{\circ} 08'$ W., bet. secs. 1 and 6.

Through scattered timber, over gentle W. slope.

3.50 Wash, 30 lks. wide, 12 ft. deep, drains S. 30° W.; asc. 110 ft. SE. slope.

21.20 Spur, slopes S. 30° W.; asc. 80 ft. over rolling S. slope.

39.795 Point for the $\frac{1}{2}$ sec. cor. of secs. 1 and 6, at proportionate dist.; no evidence of the original cor. remains.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the and in a mound of stone, $2\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T41S

R6W R5W

 $\frac{1}{2}$

S 1 | S 6

1959

39.90 Spur, slopes W.; desc. 260 ft. over broken NW. slope.

69.60 Wash, 40 lks. wide, 12 ft. deep, drains N. 75° W.; asc. 40 ft. over SE. slope.

79.10 Spur, slopes S. 60° W.

79.59 The closing cor. of T. 41 S., Rs. 5 and 6 W.

Land, rolling hills.

Soil, sand and clay.

Timber, scattered to medium juniper and pinon.

Undergrowth, sage and oakbrush.

Dependent Resurvey of the South Boundary of T. 41 S., R. 6 W.

Reestablishment of the survey executed by A. B. Lewis in 1897

Beginning at the cor. of T. 41 S., Rs. 5 and 6 W.

N. $89^{\circ} 48'$ W., along the S. bdy. of sec. 36.

Through medium timber; desc. 5 ft. over M. slope.

Chains

3.53

The closing cor. of E. 42 S. 1, R. 45, and 6 W., monumented by a sandstone, 4x8x14 ins., dimly mkd., set 6 ins. in the ground.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T41S R6W

S 36

S 1 | S 6

R6W R5W

T42S

C C

1959

Set original cor. alongside iron post.

No other suitable accessories available.

Desc. 90 ft. over W. slope.

23.40 Desc. over bluff about 80 ft. high, bears N. 30° E. and SW.

30.20 Base of descent, bears N. 30° E. and SW.; cont. over bottom of Brown Canyon.

34.20 Wash, in bottom of Brown Canyon, 120 lks. wide, 30 ft. deep, drains SW.; cont. over nearly level bottom of canyon.

40.00 Point for the ¼ sec. cor. of sec. 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T41S R6W

¼ S 36

1959

Deposit mkd. stone at base of iron post.

No other suitable accessories available.

Cont. over level bottom of Brown Canyon.

43.66 The ¼ sec. cor. of sec. 1, monumented by a juniper post, 3x3x36 ins., dimly mkd., set 6 ins. in the ground.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

¼ S 1

T42S R6W

1959

Set original cor. alongside iron post.

No other suitable accessories available.

S. 89° 54' W., beginning new measurement,

Cont. along gentle S. slope.

Dependent Resurvey, S. Bdy., T. 41 S., R. 6 W.

Chains	
18.90	Spur, slopes S. 30° E.; desc. 20 ft. along S. slope.
24.10	Wash, 20 lks. wide, 2 ft. deep, drains S. 30° E.; asc. 140 ft. over slope.
35.30	Slope changes; asc. along S. slope.
36.34	Point for the cor. of secs. 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the with brass cap mkd. <div style="text-align: center;"> T41S R6W <u>S35</u> <u>S36</u> S 1 T42S R6W 1959 </div>
	Deposit mkd. stone at base of iron post.
	No other suitable accessories available.
	Land, rolling. Soil, sand. Timber, scattered juniper and pinon.
	S. 89° 54' W., along S. bdy. of sec. 35.
	Through scattered timber; asc. 10 ft. along S. slope.
2.30	Barbed wire fence, 4 strands, bears N. 30° E. and S. 30° W.
3.46	The original cor. of secs. 1, 2, 35 and 36, monumented by a juniper post, 3x3x36 ins., dimly mkd, set 6 ins. in the ground. This cor. now functions as the cor. of secs. 1 and 2 only. At the cor. point Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the with brass cap mkd. <div style="text-align: center;"> T41S R6W <u>S35</u> S 2 S 1 T42S R6W 1959 </div>
	Set original cor. alongside iron post.
	No other suitable accessories available.
	S. 89° 59' W., beginning new measurement.
	Through scattered to medium timber.
.10	Spur, slopes S. 20° E.; asc. 50 ft. over rolling land, draining S.
16.30	Spur, slopes S. 30° W.; desc. 300 ft. over rolling S. slope.
36.54	Point for the ¼ sec. cor. of sec. 35. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

Resurvey, S. Bdy. T. 41 S., R. 6 W.

Chains

T41S R6W

1/2 S35

1959

Raise a collar of stone around iron post.

No other suitable accessories available.

40.04 The original $\frac{1}{2}$ sec. cor. of secs. 2 and 35 now functions for sec. 2 only, monumented by a juniper post, 4x4x36 ins., mkd. $\frac{1}{2}$ S on N. face, set 8 ins. in the ground.

At the cor. point

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.1/2 S 2

T42S R6W

1959

Set original cor. alongside iron post.

No other suitable accessories available.

N. 89° 57' W., beginning new measurement.

Desc. 80 ft. along rolling S. slope.

36.50 Point for the cor. of secs. 34 and 35.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T41S R6W

S34|S35

S 2

T42S R6W

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Land, rolling.

Soil, sand.

Timber, scattered juniper and pinon.

N. 89° 57' W., along the S. bdy. of sec. 34.

Over rolling land, draining S., through scattered to medium timber.

3.75 The original cor. of secs. 2, 3, 34 and 35 now functions for the cor. of secs. 2 and 3 only, monumented by a juniper post, 4x4x36 ins., dimly mkd., set 10 ins. in the ground.

At the cor. point

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.S 3|S 2

T42S R6W

1959

Dependent. S. T. 41 S R. 6 W.

Chains

Deposit mkd. stone at base of iron post.

Set original cor. alongside iron post.

No other suitable accessories available.

N. 89° 56' W., beginning new measurement.

Desc. 40 ft. over rolling S. slope.

16.40 Wash, 20 lks. wide, 4 ft. deep, drains SW.; asc. 10 ft. over gently rolling S. slope.

36.25 Point for the $\frac{1}{4}$ sec. cor. of sec. 34.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the gr. with brass cap mkd.

T41S R6W

 $\frac{1}{4}$ S34

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

40.23 The original $\frac{1}{4}$ sec. cor. of secs. 3 and 34 now functions for sec. 3 only, monumented by a juniper post, 4x4x36 ins., mkd. $\frac{1}{4}$ S on N. set 9 ins. in the ground.

At the cor. point

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the gr. with brass cap mkd. $\frac{1}{4}$ S 3

T42S R6W

1959

Set original cor. alongside iron post.

Deposit mkd. stone at base of iron post.

No other suitable accessories available.

N. 89° 59' W., beginning new measurement.

Asc. 140 ft. over SE. slope.

19.60 Spur, projects S. 10° E.; desc. 50 ft. over W. slope.

36.02 Point for the cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the gr. with brass cap mkd.

T41S R6W

S33|S34

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Chains

Land, rolling.
Soil, sand.
Timber, scattered juniper and pinon.
Undergrowth, none.

N. 89° 59' W., along the S. bdy. of sec. 33.

Through scattered to medium timber.

3.65 Point for the cor. of secs. 3 and 4, at proportionate dist.; no evidence of the original cor. remains.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T41S R6W

S33

S 4 | S 3

T42S R6W

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Cont. along rolling S. slope.

37.70 Spur, slopes S. 80° W.; desc. 10 ft. along N. slope.

40.00 Point for the ¼ sec. cor. of sec. 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 2½ ft. base, to top, with brass cap mkd.

T41S R6W

¼ S33

1959

Cont. over N. slope.

43.32 Point for the ¼ sec. cor. of sec. 4, at proportionate dist.; no evidence of the original cor. remains.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

¼ S 4

T42S R6W

1959

Desc. 270 ft. over broken NW. slope.

70.30 Kanab Creek, dry, 30 lks. wide, 1 ft. deep, drains S. 30° W.; asc. 20 ft. along gentle S. slope.

80.00 Point for the cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

Dependent

T41 S. 6 W.

Chains

T41S R6W

S32|S33

S 4

T42S R6W.

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Land, rolling.

Soil, sand.

Timber, scattered juniper and pinon.

Undergrowth, none.

N. 89° 59' W., along the S. bdy. of sec. 32.

Over rolling land, through medium timber.

- 2.99 The original cor. of secs. 4, 5, 32 and 33 now functions as the cor. of secs. 4 and 5 only, monumented by a juniper post, 4x4x36 ins., dimly mkd., set 10 ins. in the ground.

S 5|S 4

T42S R6W

1959

Set original cor. alongside iron post.

No other suitable accessories available.

N. 89° 56' W., beginning new measurement.

Asc. 160 ft. over SE. slope.

- 28.60 Spur, slopes S.; desc. 10 ft. over SW. slope.

- 37.01 Point for the $\frac{1}{2}$ sec. cor. of sec. 32.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the with brass cap mkd.

T41S R6W

 $\frac{1}{2}$ S32

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Cont. over gently rolling S. slope.

- 40.04 The original $\frac{1}{2}$ sec. cor. of secs. 5 and 32 now functions for sec. 5 only, monumented by a juniper post, 4x4x24 ins., mkd. $\frac{1}{2}$ S on N. set 11 ins. in the ground.

At the cor. point

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the with brass cap mkd.

Chains

S. Bdy. T. 41 S., R. 6 W.

1/4 S 5
T42S R6W
1959

Set original cor. alongside iron post.

Deposit mkd. stone at base of iron post.

No other suitable accessories available.

S. 89° 58' W., beginning new measurement.

Asc. 30 ft. along gently rolling S. slope.

20.60 Wash, 30 lks. wide, 4 ft. deep, drains SE. about 4 chs.; thence S.;
asc. 60 ft. over gently rolling land, draining S.

36.97 Point for the cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T41S R6W
S31|S32
S 5
T42S R6W
1959

Deposit charcoal at base of cor.

No other suitable accessories available.

Land, rolling.

Soil, sand.

Timber, scattered juniper and pinon.

Undergrowth, none.

S. 89° 58' W., along the S. bdy. of sec. 31.

Over gently rolling land, through scattered timber.

3.40 The original cor. of secs. 5, 6, 31 and 32 now functions as cor. for
secs. 5 and 6 only, dimly mkd., set 8 ins. in the ground.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

T41S R6W
S31
S 6|S 5
T42S R6W
1959

Set original cor. alongside of iron post.

Deposit charcoal at base of iron post.

Asc. 170 ft. over gently rolling S. slope.

40.00 Point for the ¼ sec. cor. of sec. 31.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

Dependent Resurvey, S. Edy., T. 41 S., R. 6 W.

Chains

T41S R6W

1/2 S31

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Cont. along gentle S. slope.

- 44.03 The original $\frac{1}{2}$ sec. cor. of secs. 6 and 31, now functions as the $\frac{1}{2}$ sec. cor. of sec. 6, monumented by a sandstone, 7x15x20 ins., mkd. on N. face, set 4 ins. in the ground.

At the cor. point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

1/2 S 6

T42S R6W

1959

Set original cor. in mound of stone, around iron post.

N. 89° 55' W., beginning new measurement.

Through scattered timber; asc. 70 ft. along S. slope.

- 5.30 Top of ascent, slopes S.; desc. 60 ft. along S. slope.

- 17.70 Wash, 5 lks. wide, 6 ins. deep, drains S. 60° E.; asc. 40 ft. over slope.

- 26.90 Slope changes; asc. 50 ft. over E. slope.

- 37.50 The cor. of Tps. 41 and 42 S., Rs. 6 and 7 W., monumented by a juniper post, 4x4x36 ins., dimly mkd., set 14 ins. in the ground.

At the cor. point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd.

T41S

R7W R6W

S36|S31S 1|S 6

T42S

1959

Set original cor. alongside iron post.

Set a juniper post, 6 ft. long, 3 ins. diam., alongside iron post.

No other accessories available.

Land, rolling.

Soil, sand and exposed sandstone.

Timber, scattered juniper and pinon.

of Subdivision, T. 41 S. R. 6 W.

Chains

Survey of a Portion of the Subdivision of T. 41 S., R. 6 W.

From the cor. of secs. 35 and 36 on the S. bdy. of the Tp.

N. 0° 01' W., bet. secs. 35 and 36.

Through scattered timber; desc. 90 ft. over NE. slope.

10.50 Wash, 50 lks. wide, 4 ft. deep, drains SE.; asc. 130 ft. over SW. slope.

18.80 Spur, slopes S. 80° W.; desc. 70 ft. over NW. slope.

28.00 Wash, 20 lks. wide, 5 ft. deep, drains S. 30° W.; asc. 110 ft. over SE. slope.

33.90 Spur, slopes S. 30° W.; asc. 10 ft. along W. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 2 ins. in the ground to bedrock and in a mound of stone, 4½ ft. base, to top, with brass cap mkd.

T41S R6W

$$\begin{array}{c} \frac{1}{4} \\ \hline S35 | S36 \\ 1959 \end{array}$$

By triangulation; asc. about 600 ft. over ledges facing SW.

60.00 Top of ledge about 60 ft. high, bears S. 20° E. and S. 60° W.

60.09 End of triangulation; cont. over gently rolling tableland draining E.

80.00 Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.

T41S R6W

$$\begin{array}{c} \frac{1}{4} \\ \hline S26 | S25 \\ S35 | S36 \\ 1959 \end{array}$$

No other suitable accessories available.

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, pinon and juniper.

From the cor. of secs. 25 and 36, on the E. bdy. of the Tp.

S. 89° 57' W., bet. secs. 25 and 36.

Through scattered timber and undergrowth; desc. 50 ft. over W. slope.

6.90 Wash, in bottom of Brown Canyon, 80 lks. wide, 30 ft. deep, drains S.; asc. 130 ft. over E. slope.

13.60 Spur, projects S. 10° E.; desc. 80 ft. over W. slope.

19.60 Wash, 20 lks. wide, 6 ins. deep, drains S.; asc. 200 ft. over broken SE. slope.

39.80 Spur, slopes S.

of Subdivision

Chains	
40.05	Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the and in a collar of stone, with brass cap mkd. T41S R6W $\frac{1}{4}$ $\frac{S25}{S36}$ 1959 No other suitable accessories available. Cont. by triangulation, topography scaled from U. S. G. S. maps. Desc. about 120 ft. over broken W. slope.
42.60	Small wash, drains SW. about 5 chs. to junction with wash from NW.
47.30	Small wash, drains S. 30° E.; asc. about 450 ft. over ledges on E. slope.
67.20	Asc. over ledge about 100 ft. high, bears N. 60° E. and S. 20° W.;
67.32	End of triangulation; asc. 150 ft. over rolling E. slope.
80.10	The cor. of secs. 25, 26, 35 and 36. Land, rolling and broken breaks of Brown Canyon. Soil, sand and exposed sandstone. Timber, juniper and pinon. Undergrowth, buckbrush and oakbrush. From the cor. of secs. 32 and 33, on the S. bdy. of the Tp. N. $0^{\circ} 03'$ W.; bet. secs. 32 and 33. Through medium dense timber, over bottom land of Kanab Creek.
17.50	Wash, 1 ch. wide, 3 ft. deep, drains SE.
35.60	Kanab Creek, dry, 1 ch. wide, 4 ft. deep, drains SE.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the gr. with brass cap mkd. T41S R6W $\frac{1}{4}$ $S32 S33$ 1959 Raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of iron post. Cont. along nearly level bottom land of Kanab Creek.
50.50	Track road, bears N. and S. 10° E.; cont. along E. side of road.
56.30	Recross Kanab Creek, drains SW. from N. 10° E.
68.30	Recross Kanab Creek, drains S. 10° E., same road at bend, bears N. 20° W. and S. 10° W.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.

Section of Subdivision, T.41S R.6W

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground and in a mound of stone, 4½ ft. base, to top, with brass cap mkd.

T41S R6W

S29|S28

S32|S33

1959

No other suitable accessories available.

Land, rolling bottom of Kanab Creek.

Soil, sand.

Timber, juniper and pinon.

N. 0° 03' W., bet. secs. 28 and 29.

Along the bottomland of Kanab Creek, through medium timber.

.30 Kanab Creek, dry, 60 lks. wide, 3 ft. deep, drains S. irregularly from N. 20° E.

.7.40 Recross Kanab Creek, drains S. 10° E.

19.10 Leave bottom land along Kanab Creek; asc. 30 ft. over SE. slope.

22.80 Spur, slopes S. 20° W.; asc. 40 ft. along W. slope.

40.00 Point for the ¼ sec. cor. of secs. 28 and 29.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

T41S R6W

S29|S28

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Asc. 220 ft. over S. slope.

75.70 Spur, slopes W.; desc. 30 ft. over N. slope.

80.00 Point for the cor. of secs. 20, 21, 28 and 29.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

T41S R6W

S20|S21

S29|S28

1959

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of iron post.

Land, rolling breaks of Kanab Creek.

Soil, sand.

Timber, juniper and pinon.

N. 0° 03' W., bet. secs. 20 and 21.

Through medium timber; asc. 50 ft. over S. slope.

Survey, Portion of Subdivision, T. 34 S., R. 6 W.

Chains

5.50 Spur, slopes S. 80° W.; desc. 40 ft. over NW. slope.

18.00 Wash, 30 lks. wide, 3 ft. deep, drains W.; asc. 40 ft. over SW. slope.

32.00 Top of ascent, slopes W.; desc. 20 ft. over NW. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 20 and 21.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.

T41S R6W

S20|S21

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

By triangulation from 35.90; topography estimated from U. S. G. S. topographic maps.

Desc. about 20 ft. over NW. slope.

48.00 S. rim of canyon, a ledge about 50 ft. high, bears NE. and S. 30° W.; desc. about 130 ft. over ledges on NW. slope.

55.40 Wash, 50 lks. wide, 5 ft. deep, drains W. from NE.; asc. about 90 ft. over ledges on S. slope.

59.10 N. rim of canyon, a ledge about 50 ft. high, bears N. 30° E. and N. 70° W.; asc. 20 ft. over SE. slope.

End of triangulation at 89.93; by return measurement to cor. of secs. 16, 17, 20 and 21.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.

T41S R6W

S17|S16

S20|S21

1959

From which

A juniper, 6 ins. diam., bears N. 76° 25' E., 88 lks. dist., mkd. S16 BT

A juniper, 10 ins. diam., bears S. 40° E., 137 lks. dist.; mkd. T41S R6W S21 BT

Land, rolling and broken breaks of Kanab Creek.

Soil, sand and exposed sandstone.

Timber, juniper and pinon.

Undergrowth, Brigham tea, buckbrush and manzanita.

N. 0° 03' W., bet. secs. 16 and 17.

Asc. 280 ft. along W. slope.

Portion of Subdivision, T41S R6W.

Chains

- 15.40 Spur, slopes sharply SW.; desc. 250 ft. over ledges, facing W.
- 39.90 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 16 and 17.
Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.
- T41S R6W
W C
 $\frac{1}{4}$
S17 S16
1959
- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of iron post.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17, falls in wash, where cor. cannot be perpetuated.
By triangulation from 32.85; topography estimated from U. S. G. S. topographic maps.
Asc. about 70 ft. over S. slope.
- 41.70 Spur, slopes SW.; asc. about 150 ft. over ledges on broken W. slope.
- 74.52 End of triangulation; cont. by chaining.
- 74.70 Spur, slopes W. 1 ch. to end; desc. abruptly 50 ft. over NW. slope.
- 80.00 Point for the cor. of secs. 8, 9, 16 and 17.
Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.
- T41S R6W
S 8 | S 9
S17 | S16
1959
- Raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of iron post.
- Land, rolling and broken breaks of Kanab Creek.
Soil, sand and exposed sandstone.
Timber, juniper and pinon.
Undergrowth, buckbrush, sage and manzanita.
-
- N. $0^{\circ} 03'$ W., bet. secs. 8 and 9.
- 3.40 By triangulation; topography estimated from U. S. G. S. topographic maps.
Desc. about 300 ft. over ledges facing N.
- 29.70 Kanab Creek, dry, 40 links wide, 4 ft. deep, drains S. 60° W.;
Asc. about 200 ft. over ledges, facing E.
- 40.00 Point for $\frac{1}{4}$ sec. cor. of secs. 8 and 9 falls on inaccessible ledges facing E. where cor. cannot be monumented.
End of triangulation at 62.43; by return measurement to point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 8 and 9.
- 47.10 Point selected for witness $\frac{1}{4}$ sec. cor. of secs. 8 and 9.
Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, to top, with brass cap mkd.

Portion of

T. 41 S R. 6 W.

Name

T41S R6W

1/4

S 8 1/2 S 9

W C

1959

Asc. 200 ft. over broken SE. slope.

- 61.40 S. edge of mesa, bears N. 70° E. and S. 70° W.; cont. over nearly level mesa top,
- 73.90 N. edge of mesa, bears N. 10° E. and S. 30° W.; desc. 120 ft. along W. slope.

- 80.00 Point for the cor. of secs. 4, 5, 8 and 9.

Set an iron post, 30 ins. long, 2 1/4 ins. diam., 20 ins. in the with brass cap mkd.

T41S R6W

S 5 S 4

S 8 S 9

1959

Raise a mound of stone W. of cor.

Land, broken.

Soil, sand and exposed sandstone.

Timber, juniper and pinon.

Undergrowth, manzanita, sage and buckbrush.

N. 0° 03' W., bet. secs. 4 and 5.

Through scattered to medium timber; asc. 110 ft. along W. slope.

- 10.90 Spur, slopes sharply S. 80° W.

- 10.93 Begin triangulation; topography estimated from U. S. G. S. maps.

Desc. abruptly about 450 ft. over ledges on NW. slope into Kanab Canyon.

- 25.50 Four Mile Hollow, dry, 50 lks. wide, 5 ft. deep, drains S. 70° W.; asc. about 300 ft. over ledges facing SE.

- 40.00 Point for the 1/4 sec. cor. of secs. 4 and 5 falls on inaccessible ledges facing SE. where the cor. cannot be monumented.

End of triangulation at 49.02 chs.; by return measurement to the point selected for the witness 1/4 sec. cor. of secs. 4 and 5.

- 43.30 Point for the witness 1/4 sec. cor. of secs. 4 and 5.

Set an iron post, 30 ins. long, 2 1/4 ins. diam., 14 ins. in the and in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.

T41S R6W

1/4

S 5 S 4

W C

1959

Asc. 150 ft. over ledges facing SE.

- 54.00 Rim of mesa, bears N. 35° E. and S. 35° W.; cont. along broken E. edge of mesa.

Portion of Subdivision, T44S, R6W.

Chains

86.03

Intersect the Eighth Standard Parallel South, point for the closing cor. of secs. 4 and 5.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground and in a mound of stone, $2\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T40S R6W

833

S 51 S 4

T41S

C C

1959

from which

The standard cor. of secs. 32 and 33, bears S. $89^{\circ} 56'$ W., .7.96 chs. dist.

Land, rolling and broken breaks of Kanab Creek.

Soil, sand, clay and exposed sandstone.

Timber, juniper and pinon.

Undergrowth, manzanita, sage and buckbrush.

From the cor. of secs. 16, 17, 20 and 21.

East, bet. secs. 16 and 21.

Through scattered timber; asc. 20 ft. over W. slope.

5.20 Spur, slopes S. 10° W.; desc. 150 ft. over E. slope.

21.40 Wash, 30 lks. wide, 4 ft. deep, drains S. from NE.; asc. 210 ft. over broken SW. slope.

38.60 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground and in a mound of stone, to top, with brass cap mkd.

T41S R6W

$\frac{1}{4}$ S16 W

S21 C

1959

By triangulation from the cor. of secs. 16, 17, 20 and 21, topography estimated from U. S. G. S. topographic maps.

Asc. about 250 ft. over ledges on SW. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21 falls on inaccessible spot on ledges facing SW., where the cor. cannot be monumented.

43.00 Rim of mesa, bears NW. and SE.

46.62 End of triangulation; asc. 20 ft. over slight W. slope.

54.30 Spur, slopes SW.; desc. 20 ft. over slight SE. slope.

59.30 S. rim of mesa, bears E. and S. 60° W.; asc. 40 ft. along S. rim of mesa.

80.00 Point for the cor. of secs. 16 and 21; no evidence of the original cor. remains.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground and in a mound of stone, $2\frac{1}{2}$ ft. base, to top, with brass cap mkd.

Portion of

T. 141 S., R. 6 W.

Chains	
	<p>T41S R6W</p> <p>S16</p> <p>S21</p> <p>1959</p> <p>Land, broken. Soil, sand and exposed sandstone. Timber, juniper and pinon. Undergrowth, sage, buckbrush and manzanita.</p> <p>N. 0° 02' W., along the E. bdy. of sec. 16.</p> <p>Through medium timber; asc. 60 ft. along broken E. slope.</p>
24.30	Spur, slopes SW.; desc. 100 ft. over broken NW. slope.
33.90	S. edge of canyon, bears irregularly N. 70° E. and S. 70° W.; desc. abruptly 120 ft. over ledges on N. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of sec. 16; no evidence of the original remains.
	<p>Set an iron post, 30 ins. long, 2$\frac{1}{2}$ ins. diam., 20 ins. in the with brass cap mkd.</p> <p>T41S R6W</p> <p>$\frac{1}{2}$</p> <p>S16</p> <p>1959</p> <p>Raise a mound of stone, 2$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, W. of iron post.</p> <p>By triangulation from 33.90 chs.; topography scaled from U. S. G.S. topographic maps.</p> <p>Desc. abruptly about 250 ft. over ledges on N. slope.</p>
58.30	<p>Wash, 20 lks. wide, 2 ft. deep, drains S. 70° W.; asc. about 200 ft over ledges on S. slope.</p> <p>End of triangulation at 82.66; by return measure to the point for cor. of secs. 9 and 16.</p>
80.00	<p>Point for the cor. of secs. 9 and 16; no evidence of original cor. remains.</p> <p>Set an iron post, 30 ins. long, 2$\frac{1}{2}$ ins. diam., 20 ins. in the with brass cap mkd.</p> <p>T41S R6W</p> <p>S 9</p> <p>S16</p> <p>1959</p> <p>Deposit mkd. stone at base of iron post.</p> <p>No other suitable accessories available.</p> <p>Land, broken. Soil, sand and exposed sandstone. Timber, juniper and pinon. Undergrowth, sage, oakbrush and manzanita.</p> <p>N. 89° 54' W., bet. secs. 9 and 16.</p> <p>Over broken land, through scattered to medium timber.</p>

Portion of Subdivision, T. 41 S., R. 6 W.

Chains

4.50 Asc. over ledge about 40 ft. high, bears irregularly E. and S. 80° W.; asc. 70 ft. over S. slope.

31.00 Spur, slopes S. 60° W.; cont. along gentle N. slope.

40.04 Point for the $\frac{1}{2}$ sec. cor. of secs. 9 and 16.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap mkd.

T41S R6W

 $\frac{1}{2}$ S 9
S16

1959

Deposit charcoal at base of iron post.

No suitable accessories available.

Cont. over gentle N. slope.

42.80 Spur, slopes N. 80° W.; desc. 60 ft. along broken S. slope.

80.08 The cor. of secs. 8, 9, 16 and 17.

Land, broken mesa top.

Soil, sand and exposed sandstone.

Timber, juniper and pinon.

Undergrowth, sage, buckbrush, manzanita and brigham tea.

From the cor. of secs. 31 and 32 on the S. bdy. of the Tp.

N. 0° 03' W., bet. secs. 31 and 32.

Through scattered timber; asc. 50 ft. along rolling E. slope.

18.10 Top of ascent, a spur, slopes E.; desc. 50 ft. along rolling E. slope.

40.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T41S R6W

 $\frac{1}{2}$
S31 | S32
1959

Deposit mkd. stone at base of iron post.

No other suitable accessories available.

Desc. 50 ft. along rolling E. slope.

68.70 Wash, 70 lks. wide, 1 ft. deep, drains SE.; asc. 20 ft. over slight SW. slope.

80.00 Point for the cor. of secs. 29, 30, 31 and 32.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T41S R6W

 $\frac{1}{2}$
S30 | S29
S31 | S32

1959

Deposit charcoal at base of iron post.

Portion of the T. 41 S., R. 6 W.

Chains

No other suitable accessories available.

Land, rolling.

Soil, sand.

Timber, scattered juniper and pinon.

Undergrowth, none.

From the cor. of secs. 28, 29, 32 and 33.

N. 89° 58' W., bet. secs. 29 and 32.

Through medium dense timber.

.60 Kanab Creek, dry, 60 lks. wide, 3 ft. deep, drains S. from NE.

3.30 Track road, bears N. 10° W. and S.; asc. 270 ft. over rolling E. slope

34.80 Spur, slopes S., leave medium dense timber, enter scattered timber; desc. 40 ft. along S. slope.

40.03 Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground and in a mound of stone, $2\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T41S R6W

 $\frac{1}{4}$ S29

S32

1959

No other suitable accessories available.

Asc. 50 ft. along rolling S. slope.

49.20 Top of ascent, slopes S.; desc. 150 ft. over rolling SW. slope.

80.06 The cor. of secs. 29, 30, 31 and 32.

Land, rolling.

Soil, sand and exposed sandstone.

Timber, juniper and pinon.

Undergrowth, none.

General Description

There is considerable variety of land found in T. 41 S., R. 6 W. The elevation above mean sea level ranges from about 5,500 feet along Kanab Creek in sections 32 and 33, to about 6,600 feet above the White Cliffs on Gendale and Skutumpah Benches. Kanab Creek enters the north boundary of section 4, drains southerly through the township, and leaves just east of the corner of sections 32 and 33.

The soil is sand and clay on the high benches, and sand and exposed sandstone below the ledges.

Intermittent running water in Kanab Creek was the only water found in the township.

There were no settlements or mining activity, and the only thing the land was used for was a limited amount of stock grazing.

The only roads to be found in the township at the time of survey were a few track roads used by the stockmen.

Vegetation in the township is medium to medium dense juniper and on the high benches and scattered to medium dense juniper and pinon the White Cliffs.

FIELD ASSISTANTS

16-53565-2

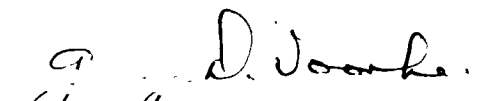
CERTIFICATE OF CADASTRAL ENGINEER

I, George D. Voorhees, HEREBY CERTIFY upon honor that, pursuant to special instructions bearing date of the 8th day of June, 1960, I have ~~surveyed~~ supervised the dependent resurvey of the Eighth Standard Parallel through R. 6 W., a portion of the Eighth Standard Parallel South through R. 5 W., a portion of the Panguitch and Kanab Guide Meridian through T. 41 S., and the boundary; and the survey of a portion of the subdivision of T. 41 S., R. 6 W.

of the Salt Lake Meridian, in the State of Utah, which represented in the foregoing field notes as having been ~~examined~~ supervised by me and under my direction; and said survey has been made in strict conformity with said instructions, the Manual of Instructions for Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

August 25, 1960


George D. Voorhees, Cadastral Surveyor

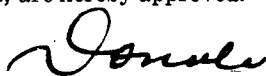
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., DEC 23 1960, 1960

The foregoing field notes of the ~~survey of~~ dependent resurvey of the Eighth Standard Parallel South through R. 6 W., a portion of the Eighth Standard Parallel South through R. 5 W., a portion of the Panguitch & Kanab Guide Mer. through T. 41 S. and the S. bdy.; and the survey of a portion of the subdivision of T. 41 S., R. 6 W., S. Mer.

executed by Donald A. Cannon and Boyd S. Owens Cadastral Surveyors under the supervision of George D. Voorhees, Cadastral Surveyor (Chief of Party) having been critically examined and found correct, are hereby approved.



Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

_____, is a true copy of the original field notes.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

A DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY

AND

A SURVEY OF A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 42 SOUTH, RANGE 8 WEST

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

George D. Voorhees, Cadastral Surveyor (Chief of Party)

Donald A. Cannon, Cadastral Surveyor

Boyd S. Owens, Cadastral Surveyor

der special instructions dated June 8, 1959, which provided

r the surveys included under Group No. 427, approved June 19, 1959

d assignment instructions dated August 11, 1959

Survey commenced September 28, 1959

Survey completed October 7, 1959

INDEX DIAGRAM

Township 42 South, Range 8 West

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_____ Donald A. Cannon
_____ Boyd S. Owens

Township 42 South, Range 8 West

Chains

The east boundary was surveyed by J.H. Clark in 1904 and 1907. The south and west boundaries were surveyed by Stewart and French in 1909. The north boundary was surveyed by A. Nelson in 1921. A portion of the east boundary was resurveyed by A. Nelson in 1924.

The following field notes are those of a dependent resurvey of a portion of the east boundary and a survey of a portion of the subdivision in T. 42 S., R. 8 W. deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. and L. E. Gurley solar transits Nos. 580614 and 541331, conforming to the standard instrumental specifications of the Bureau of Land Management. The instruments were maintained in precise adjustment throughout the progress of the survey.

Before restoring the corners of the resurvey, a search was made for any evidence of the corners and accessories called for in the original field note record. The recovered corner points were then monumented. After completing the necessary retracements to connect the identified corner points, the rules of proportionate measurement were applied to ascertain the position of the lost corners. When no control was possible, the position of lost corners were located at record course and distance. Corners on east-west lines of the original survey, completed at this time, were set on the true latitudinal curve. Lines connecting previously established corners were run by the random and true method, but for simplification of the record the random lines are omitted from these field notes. In accordance with the intent of the special instructions, all subdivisional corners are calculated to be at the position they would occupy if the entire township were subdivided.

The measurements were made with a narrow steel tape, eight chains in length. The tape was graduated every link for the first chain and thereafter at ten link intervals. The tape was tested by comparison with a standard steel tape, one chain in length and found to be correct. The measurements were made on the slope, the vertical angles determined by a clinometer in good adjustment. The slope measurements were reduced to their horizontal equivalents, which appear in these field notes. All accessible lines were run by the direct method. The inaccessible lines were run by traverse and triangulation methods. The details of such traverses and triangulations were thoroughly verified and in order to simplify the record, are omitted from these field notes. The distances to topography on the inaccessible lines are as scaled from U. S. G. S. topographic maps or aerial photographs.

All lines of this survey were carried forward by sustained angulation. The direction of all lines were determined by deflecting from meridians established by altitude observations on the sun or hour angle observations on Polaris, at a number of stations in the township.

The geographic position for the southeast corner of the township is latitude $37^{\circ} 06' 29''$ N. and longitude $112^{\circ} 40' 55''$ W., as scaled from U. S. G. S. topographic maps.

The magnetic declination was read at a number of stations in the township and the average of the several readings was found to be $16^{\circ} 15'$ E.

Dependent Resurvey of a Portion of East Boundary of T. 42 S., R. 8 W.

Reestablishment of the survey executed by J. H. Clark in 1904 and 1907.

The cor. of Tps. 42 and 43 S., Rs. 7 and 8 W., monumented by an iron post, 36 ins. long, 2 ins. diam., lying on the ground; I reestablish the cor. from the two remaining bearing trees.

Dependent Resurvey of Portion of the East Boundary of T. 42 S., R.

Chains

A pinon, 11 ins. diam., bears N. 85° W., 46 lks. dist., mkd.
T42S R8W S36 BT.

A pinon, 9 ins. diam., bears S. 78° W., 42 lks. dist., mkd.
T43S R8W S1 BT.

At the cor. point

Reset the iron post, 36 ins. long, 3 ins. diam., 16 ins. in the
in a mound of stone, 3 ft. base to top, with brass cap mkd.

T42S
R8W R7W
S36 | S31
S1 | S6
T43S
1959
1909

No other suitable accessories available.

Thence N. 0° 04' W., bet. secs. 31 and 36.

Over rolling land, through scattered to medium timber; asc. 150 ft.
over SE. slope.

24.70 Spur, slopes E.; desc. 90 ft. over NE. slope.

26.70 Ravine, drains sharply S. 60° E.; asc. 90 ft. over S. slope.

36.10 Spur, slopes E.; desc. 30 ft. over N. slope.

40.03 The $\frac{1}{4}$ sec. cor. of secs. 31 and 36, reestablished at true course
dist. from bearing tree.

A pinon, 12 ins. diam., bears S. 10° E., 50 lks. dist., mkd. $\frac{1}{4}$
S31 BT.

At the cor. point

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the gr
in a mound of stone, 2 $\frac{1}{2}$ ft. base to top, with brass cap mkd.

T42S
R8W R7W
 $\frac{1}{4}$
S36 | S31
1959

No other suitable accessories available.

N. 0° 07' W., beginning new measurement.

Desc. 50 ft. along E. slope.

17.10 Spur, slopes N. 20° E.; desc. 190 ft. over N. slope of spur.

29.00 Base of abrupt descent, bears N. 20° E. and S. 30° W.; thence over
nearly level land.

39.98 Point for the cor. of secs. 25, 30, 31 and 36, at proportionate dis
no evidence of the orig. cor. remains.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the gr
with brass cap mkd.

9. 3. W.

T-25

\$25 ~~\$30~~

S36 S31

1959

No other suitable accessories available.

Soil, sand and clay.

Timber, juniper and pinon.

3.70

13.50

30.60

39.98

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

R8W R7W

4

\$25 | \$30

1959

No other suitable accessories available.

50.90

57.30

79.96

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

R8W R7W

S24 | S19

S25	S30
-----	-----

1959

No. other suitable accessories available.

Soil, sand.

Timber, juniper and pinon.

Re-survey of Portion of East

of

R. 8

Chains

11 1/2

N. 0° 07' W., bet. secs. 19 and 24.

Through scattered timber; desc. 50 ft. over gentle N. slope.

24.50 Low spur, slopes N. 10° E. from S. 10° W.; asc. 20 ft. along slight W. slope.

39.98 The $\frac{1}{4}$ sec. cor. of secs. 19 and 24, monumented by a juniper post, 4x4 ins. x 3 ft., set, 10 ins. in the ground, mkd. $\frac{1}{4}$ S19 on E. and $\frac{1}{4}$ S24 on W. faces.

from which

A juniper, 12 ins. diam., bears S. 14° E., 57 lks. dist., mkd. $\frac{1}{4}$ S19 BT.

At the cor. point

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the with brass cap mkd.

T428
R8W R7W
 $\frac{1}{4}$
S24|S19
1959

Set original cor. alongside iron post.

No other suitable accessories available.

N. 0° 06' W., beginning new measurement.

Over rolling land, leave timber; desc. 130 ft. over NW. slope.

40.13 Point for the cor. of secs. 13, 18, 19 and 24, at proportionate dis no evidence of original cor. remains.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the with brass cap mkd.

T428
R8W R7W
S13|S18
S24|S19
1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Land, rolling.

Soil, sand.

Timber, scattered juniper in the S. $\frac{1}{4}$ mile.

N. 0° 06' W., bet. secs. 13 and 18.

Over gently rolling land; desc. 40 ft. over N. slope.

27.60 Enter W. edge of Clay Flat, bears N. and E.; cont. over flat.

40.13 Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 18, at proportionate dist no evidence of the original cor. remains.

Dependent Resurvey of Portion of East Boundary of T. 42 S., R. 8 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T42S
R8W R7W

S13 | S18
1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Cont. over nearly level W. edge of Clay Flat.

60.00 Leave Clay Flat, bears NE. and S.; thence over gently rolling land.

64.10 Wash, 40 lks. wide, 10 ft. deep, drains E.

80.26 The cor. of secs. 7, 12, 13 and 18, monumented by a sandstone, 3x6x12 ins., set 4 ins. in the ground, dimly mkd.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T42S
R8W R7W

S12 | S 7
S13 | S18
1959

Set original cor. alongside iron post.

No other suitable accessories available.

Land, gently rolling land around Clay Flat.

Soil, sand and clay.

Timber, none.

N. 0° 06' W., bet. secs. 7 and 12.

Over gently rolling land, through medium undergrowth.

10.40 Unimproved road, bears NW. and SE.

40.04 The ¼ sec. cor. of secs. 7 and 12, monumented by an oak post, 3x3 ins x 2 ft., set 6 ins. in the ground, mkd. ¼ S. on N. face.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T42S
R8W R7W

S12 | S 7
1959

Deposit original cor. alongside iron post.

No other suitable accessories available.

Dependent Resurvey of a Portion of East Boundary of T. 42 S., R. 8 W.

Chains	N. 0° 02' W., beginning new measurement.	
	Over gently rolling land, through scattered timber; asc. 100 ft. over SW. slope.	
33.00	Saddle, bears E. and W.; desc. 20 ft. over N. slope.	
39.99	The cor. of secs. 1, 6, 7 and 12, monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.	
	Land, gently rolling.	
	Soil, sand and clay.	
	Timber, scattered juniper and pinon.	
	Undergrowth, good growth of sage.	
	Dependent Survey of a Portion of the Subdivision of T. 42 S., R. 8 W.	
	From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., monumented by an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.	
	N. 0° 01' W., bet. secs. 35 and 36.	
	Through railed area; asc. 40 ft. over S. slope.	
10.30	Spur, slopes S. 10° E.; asc. 80 ft. over SE. slope.	
34.00	Enter timber, bears E. and W.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36.	
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the with brass cap mkd.	
	T42S R8W	
	$\frac{1}{4}$	
	S35 S36	
	1959	
	Deposit charcoal at base of iron post.	
	No other suitable accessories available.	
	Asc. 90 ft. over S. slope.	
47.90	Ridge, bears N. 30° E. and S. 30° W.; desc. 20 ft. along broken W. slope.	
60.90	Desc. over ledge about 20 ft. high, bears N. 10° E. about 6 chs., thence SE. and SW.; desc. 100 ft. along W. slope.	
68.40	Spur, slopes sharply N. 60° W.; desc. 320 ft. over abrupt N. slope.	
80.00	Point for the cor. of secs. 25, 26, 35 and 36.	
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T42S R8W	
	S26 S25	
	S35 S36	
	1959	
	No other suitable accessories available.	
	Land, rolling and broken.	
	Soil, sand and sandy clay.	
	Timber, scattered to medium juniper and pinon.	

Revised Survey of a Portion of the Subdivision of T. 42 S. 42 R. 8 W.

Chains

From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp.
N. 89° 59' W., bet. secs. 25 and 36.

Over rolling land, through scattered timber; asc. 30 ft. over E. slope.

3.60 Spur, slopes N. 10° W.; desc. 30 ft. over W. slope.

9.70 Wash, 40 lks. wide, 15 ft. deep, drains N.; asc. 130 ft. over E. slope.

16.10 Spur, slopes N.; asc. 40 ft. along broken N. slope.

20.10 Spur, slopes N.; desc. 100 ft. over abrupt W. slope.

22.80 Wash, 20 ft. wide, 6 ft. deep, drains N.; asc. 50 ft. over E. slope.

27.80 Spur, slopes N. 10° E.; desc. 40 ft. over NW. slope.

32.30 Wash, 20 lks. wide, 6 ft. deep, drains N. 10° E.; asc. 20 ft. along N. slope.

39.97 Point for the 1/4 sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground with brass cap mkd.

T42S R8W

1/4 S25
S36

1959

Deposit charcoal at base of cor.

No other suitable accessories available.

Asc. 120 ft. over series of small spurs and minor drains putting N.

79.94 The cor. of secs. 25, 26, 35 and 36.

Land, rolling and broken.

Soil, sand and clay.

Timber, scattered juniper and pinon.

At a point 160 chs. W. of the cor. of Tps. 42 S., Rs. 7 and 8 W., point for the cor. of secs. 2 and 3, on the N. bdy. of the Tp.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground with brass cap mkd.

T41S

S35

S3|S2

T42S R8W

1959

Raise a mound of stone S. of cor.

From this point the cor. of secs. 34 and 35, T. 41 S., R. 8 W., bears West 4.33 chs. dist., monumented by an iron post, 2 ins. diam.; set, mkd. and witnessed as described in the official record.

Thence S. 0° 01' E., bet. secs. 2 and 3.

Through scattered timber in bottom of East Fork of Virgin River Canyon; asc. 30 ft. over N. slope.

Deeds and Map of a Portion of the Subdivision of T. 42 S. R. 8 W.	
Chains	
1.20	Spur, slopes N., 60° W. about 3 chs. to end; thence by triangulation; desc. 120 ft. over SW. slope.
12.40	Wash, 80 lks. wide, 20 ft. deep, drains NW. about 10 chs. to junct ⁿ with East Fork of Virgin River.
	Cont. over nearly level land.
21.80	Base of abrupt ascent, bears NW. and SE.; asc. 550 ft. over ledges facing NE.
30.21	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3 falls on inaccessible ledges where the cor. cannot be monumented.
38.70	S. rim of East Fork of Virgin River Canyon, bears NW. about 3 chs., thence W. and S. irregularly.
39.84	End of triangulation, thence by chaining.
39.93	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground, in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd.
	<div style="text-align: center;"> W C T42S R8W $\frac{1}{4}$ S3 S2 1959 </div>
	Asc. 200 ft. along broken E. slope.
60.10	Spur, slopes N. irregularly; asc. 60 ft. along W. slope.
70.21	Point for the cor. of secs. 2, 3, 10 and 11.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 12 ins. in the ground in a mound of stone, 3 ft. base to top, with brass cap mkd.
	<div style="text-align: center;"> T42S R8W S3 S2 S10 S11 1959 </div>
	Land, broken breaks of East Fork of Virgin River Canyon.
	Soil, shallow caly.
	Timber, scattered juniper and pinon.
	Undergrowth, buckbrush and Brigham tea.
	N. 89° 57' E., bet. secs. 2 and 11.
	Through scattered and medium timber.
.40	Spur, slopes N. irregularly; desc. 30 ft. along top of spur projecting E.
15.20	Desc. 250 ft. along top of spur on E. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 3 ins. in the ground, in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd.

of a Portion of the Subdivision of T. 42 S., R. 8 W.

Chains

T42S R8W
1/4 S 2
S11
1959

Desc. 150 ft. along top of spur on E. slope.

49.20 Wash, 20 lks. wide, 1 ft. deep, drains N. about 3 chs. to head of box canyon, thence N. in bottom of box canyon.

Asc. 250 ft. over W. slope.

62.40 Spur, slopes N.; asc. 20 ft. along broken N. slope.

73.00 Spur, slopes sharply N.; desc. 160 ft. over E. slope.

79.50 Small wash, drains N.; asc. 20 ft. over NW. slope.

80.00 Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 2 ins. in the ground, in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.

T42S R8W
S2 S1
S11 S12
1959

No other suitable accessories available.

Land, broken.

Soil, shallow clay.

Timber, scattered to medium juniper and pinon.

Undergrowth, buckbrush, manzanita and Brigham tea.

N. 0° 03' E., bet. secs. 1 and 2.

Through scattered timber; desc. 130 ft. over broken N. slope.

10.80 Base of abrupt descent, bears irregularly N. 70° W. and S. 70° E.

Cont. over nearly level land.

20.60 Wash, 30 lks. wide, 10 ft. deep, drains N. 60° W.; asc. 280 ft. over S. slope.

38.80 Asc. over ledge about 10 ft. high, bears E. and W.; cont. over nearly level top of spur.

40.00 Point for the 1/4 sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, in a small mound of stone, to top, with brass cap mkd.

T42S R8W
1/4 S2 S1
1959

40.50 Spur, projects N. 70° W.; cont. over nearly level top of spur.

46.70 S. rim of East Fork of Virgin River Canyon, bears irregularly E. and W.

Survey of a Portion of the Subdivision of ... 42nd. R. 8 W.

Chains

ended.)

Desc. 300 ft. over broken N. slope.

70.15 Point for the cor. of secs. 1 and 2, on the N. bdy. of the Tp.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 3 ins. in the ground in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.

T41S R8W

S35

S2 | S1

T42S R8W

1959

From this point the cor. of secs. 35 and 36, T. 41 S., R. 8 W., West 4.33 chs. dist., monumented by an iron post, 2 ins. diam., set mkd. and witnessed as described in the official record.

Land, broken.

Soil, shallow clay.

Timber, scattered juniper and pinon.

Undergrowth, oak brush, buckbrush and Brigham tea.

Point for the $\frac{1}{4}$ sec. cor. of sec. 2 on the N. bdy. of the sec. at midpoint.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the with brass cap mkd.

 $\frac{1}{4}$ S2

T42S R8W

1959

From this point the $\frac{1}{4}$ sec. cor. of sec. 35 bears West 4.33 chs. dis monumented by an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

No other suitable accessories available.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp.

N. $0^{\circ} 02'$ W., bet. secs. 33 and 34.

Over rolling land, through medium timber.

1.50 Spur, slopes N. 70° E.; desc. 50 ft. over N. slope.9.60 Ravine, drains sharply N. 80° E.; asc. 40 ft. over S. slope.12.10 Spur, slopes N. 80° E.

12.23 Fence, 4-strand barbed wire, bears E. and W.; desc. 40 ft. over N. slope.

19.10 Ravine, drains sharply E.; asc. 90 ft. over SE. slope.

25.30 Spur, projects NE.; desc. 80 ft. over NW. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground with brass cap mkd.

Survey of a Portion of the Subdivision of T. 42 S., R. 8 W.

Chains

T42S R8W.

$\frac{1}{4}$
 S33|S34
 1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Desc. 90 ft. over NW. slope.

50.50 Wash, 20 lks. wide, 4 ft. deep, drains NE.; asc. 110 ft. over rolling SE. slope.

79.10 Spur, slopes sharply E.; desc. 50 ft. over N. slope.

80.00 Point for the cor. of secs. 27, 28, 33 and 34.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground with brass cap mkd.

T42S R8W
 S28|S27
 S33|S34
 1959

from which

A juniper, 6 ins. diam., bears N. 14° E., 39 lks. dist., mkd. T42S R8W S27 BT.

A juniper, 8 ins. diam., bears N. $57^{\circ} 10'$ W., 39 lks. dist., mkd. T42S R8W S28 BT.

Land, rolling.

Soil, sand.

Timber, juniper and pinon.

Undergrowth, Brigham tea, oak brush and buckbrush.

N. $0^{\circ} 02'$ W., bet. secs. 27 and 28.

Over rolling land, through medium timber.

4.90 Unimproved road, bears E. and W.

14.50 Ridge, bears N. 60° E. and S. 60° W.; desc. 150 ft. along top of spur sloping N.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 28.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T42S R8W
 $\frac{1}{4}$
 S28|S27
 1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Desc. 180 ft. over spur sloping N.

46.00 Wash, 1 ch. wide, 12 ft. deep, drains irregularly N.; desc. 30 ft. along wash.

Survey of a Portion of the

Chains	
80.00	Point for the cor. of secs. 21, 22, 27 and 28 falls in wash where cor. cannot be perpetuated. Land, rolling. Soil, sand. Timber, medium dense juniper and pinon.
	N. 0° 02' W., bet. secs. 21 and 22. Through medium dense juniper and pinon.
.20	Point selected for the witness cor. of secs. 21, 22, 27 and 28. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the with brass cap mkd. <div style="text-align: center;"> T42S R8W S21 S22 S28 S27 W C 1959 </div>
	Raise a mound of stone, 3 ft. by 3 ft., W. of cor. Desc. 30 ft. along W. side of wash.
17.10	Recross wash at head of Bay Bill Canyon; desc. over ledge about 450 ft. high, bears irregularly NE. and W.
25.70	High sandstone spur, projects NW.
25.90	Point selected for the witness ¼ sec. cor. of secs. 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the in a mound of stone to top, with brass cap mkd. <div style="text-align: center;"> T42S R8W ¼ W C S21 S22 1959 </div>
	By triangulation, desc. abruptly 300 ft. along E. side of Bay Bill Canyon.
32.30	Ravine, drains sharply N. 80° W.; asc. 110 ft. over S. slope.
38.80	Spur, slopes sharply W.; desc. 30 ft. over NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 21 and 22, falls on inaccessible ledge where cor. cannot be monumented. Desc. 120 ft. over N. slope.
46.70	Ravine, drains sharply W.; asc. 550 ft. over ledges facing SW.
59.00	E. rim of Bay Bill Canyon, bears N. 30° W. and S. 30° E.; asc. 10 ft. along W. slope.
61.20	Spur, projects N. 10° W. about 8 chs. to end; desc. 250 ft. over broken N. slope into Bay Bill Canyon.
79.40	Spur, slopes sharply NW.
80.00	Point for the cor. of secs. 15, 16, 21 and 22.

Survey of a Portion of the Subdivision of T. 42 S., R. 8 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground in a mound of stone to top, with brass cap mkd.

T42S R8W
S16|S15
S21|S22
1959

Land, broken breaks of Bay Bill Canyon.
Soil, shallow sand and exposed sandstone.
Timber, scattered to medium juniper and pinon.

N. 0° 02' W., bet. secs. 15 and 16.

Over broken breaks on E. side of Bay Bill Canyon, through scattered timber; by triangulation asc. 200 ft. over ledges facing W.

30.90 Asc. over E. rim of Bay Bill Canyon, bears N. 20° W. and SE.; asc. 30 ft. along W. slope; end of triangulation.

40.00 Point for the ¼ sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 13 ins. in the ground, in a mound of stone to top, with brass cap mkd.

T42S R8W
½
S16|S15
1959

Desc. 30 ft. along W. slope.

48.89 Begin triangulation.

49.20 Desc. over E. rim of Bay Bill Canyon, bears N. 10° E. and S. 10° W.; desc. 950 ft. over ledges on W. slope; end of triangulation.

80.00 Point for the cor. of secs. 9; 10, 15 and 16, falls in bottom of small wash where cor. cannot be perpetuated.

Land, broken breaks of Bay Bill Canyon.
Soil, shallow sand and exposed sandstone.
Timber, scattered juniper and pinon.

N. 0° 02' W., bet. secs. 9 and 10.

Over broken breaks on E. side of Bay Bill Canyon, through scattered timber.

.60 Point selected for the witness cor. of secs. 9, 10, 15 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground with brass cap mkd.

T42S R8W
S 9|S10
S16|S15
W C
1959

Set a juniper post, 6 ft. long, 4 ins. diam., alongside iron post.

No other suitable accessories available.

Survey of a Portion of the Subdivision of T. 42 S., R. 8 W.

Chains

- Desc. 10 ft. along broken W. slope.
- 7.68 Begin triangulation.
- 13.90 Spur, slopes sharply N. 30° W.; desc. 230 ft. over ledges on N. into Merwin Canyon.
- 21.70 Wash, 50 lks. wide, 5 ft. deep, in bottom of Merwin Canyon, drains S. 80° W. about 10 chs. to junction with wash in bottom of Bay Bill Canyon.
- Asc. 550 ft. over ledges on W. slope.
- 40.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 9 and 10 falls on inaccessible spot on E. side of Bay Bill Canyon where cor. cannot be monumented.
- 50.10 Asc. over E. rim of Bay Bill Canyon, bears N. 10° W. and S. 10° E.
- 50.19 End of triangulation; begin new triangulation.
- 50.20 Point selected for the witness $\frac{1}{2}$ sec. cor. of secs. 9 and 10.
- Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 12 ins. in the gr. in a mound of stone to top, with brass cap mkd.

T42S R8W

$\frac{1}{2}$
S 9 | S10
W C
1959

- Asc. 20 ft. along W. slope.
- 57.70 Point projects N. 20° W.; desc. 10 ft. over N. slope.
- 58.00 S. rim of the East Fork of Virgin River Canyon, bears E. and W. 3 chs., thence S.
- Desc. 600 ft. over ledges on N. slope; end of triangulation.
- 80.00 Point for the cor. of secs. 3, 4, 9 and 10.
- Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the grou with brass cap mkd.

T42S R8W

$\frac{1}{2}$
S4 | S3
S 9 | S10
1959

Raise a mound of stone, 4 ft. base, 3 ft. high, W. of iron post.

No other suitable accessories available.

Land, broken breaks of the East Fork of Virgin River.
Soil, sand, clay and exposed sandstone.
Timber, scattered juniper and pinon.

N. 0° 02' W., bet. secs. 3 and 4.

Over rolling to broken land, through scattered timber; desc. 30 ft. over N. slope.

- 4.00 Base of abrupt descent, bears irregularly N. 70° E. and S. 80° W.; cont. over nearly level bottom land of East Fork of Virgin River.

210
219

Survey of a Portion of the Subdivision of T. 42 S., R. 8 W.

Chains	
9.30	East Fork of Virgin River, 3 chs. wide, 12 ft. deep, course S. 80° W. irregularly. Asc. 200 ft. over S. slope.
16.66	Begin triangulation.
22.40	Spur, slopes S. 80° E.; desc. 150 ft. over NE. slope.
30.30	Small wash, drains S. 60° E.; asc. 750 ft. over ledges facing S.
37.89	End of triangulation; cont. by chaining.
37.90	N. rim of East Fork of Virgin River Canyon, bears N. 70° W. and S. 70° E.; asc. 20 ft. over S. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 4. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground, in a mound of stone to top, with brass cap mkd. <div style="text-align: center;">T42S R8W $\frac{1}{4}$ S4 S3 1959</div> Asc. 150 ft. over S. slope.
51.60	Spur, slopes S. 70° E.; desc. 40 ft. along E. slope.
70.27	Point for the closing cor. of secs. 3 and 4, on the N. bdy. of the Tp. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 14 ins. in the ground, in a mound of stone to top, with brass cap mkd. <div style="text-align: center;">T41S R8W S34 S4 S3 T42S CC 1959</div> From this cor. the cor. of secs. 33 and 34, T. 41 S., R. 8 W., bears West 4.57 chs. dist., monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record. Land, rolling and broken breaks of the East Fork of Virgin River. Soil, sand, clay and exposed sandstone. Timber, scattered juniper and pinon.
<hr/>	
	From the cor. of secs. 15, 16, 21 and 22. N. 89° 58' W., bet. secs. 16 and 21. Through scattered timber; begin triangulation; desc. 500 ft. over ledges facing W. into Bay Bill Canyon.
25.80	Wash, .50 lks. wide; 5 ft. deep in bottom of Bay Bill Canyon, drains N. irregularly; asc. 500 ft. over ledges facing E.
30.00	Top of end of point projecting E. into Bay Bill Canyon, bears NW. and W.; cont. over nearly level top of point.
35.95	End of triangulation; cont. by chaining.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21.

Survey of a Portion of the Subdivision of T. 42 S., R. 8 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S R8W

½ S16

S21

1959

Asc. 190 ft. over ledges on E. slope.

60.20 Asc. over ledge about 30 ft. high, bears N. 60° W. and S. 30° W.; asc. 90 ft. over NE. slope.

77.30 Ridge, bears N. 60° W. and S. 60° E.; desc. 10 ft. over SW. slope.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the with brass cap mkd.

T42S R8W

S17 | S16

S20 | S21

1959

Raise a mound of stone W. of cor.

Land, rolling and broken breaks of Bay Bill Canyon.
Soil, shallow sand and clay with exposed sandstone.
Timber, scattered juniper and pinon.

N. 0° 03' W., bet. secs. 16 and 17.

Over rolling top of ridge, through scattered timber; asc. 10 ft. over SW. slope.

1.20 Ridge, bears N. 60° W. and S. 60° E.; desc. 230 ft. over rolling N. slope.

40.00 Point for the ½ sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground with brass cap mkd.

T42S R8W

½ S17 | S16

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Desc. 40 ft. over gently rolling N. slope.

52.39 Begin triangulation.

52.40 Desc. over ledge about 30 ft. high, bears N. 80° E. and S. 80° W. about 5 chs., thence N. 20° W.; desc. 430 ft. over ledges on N. slope.

65.20 Wash, 20 lks. wide, 3 ft. deep, drains N. 20° E.; asc. 80 ft. along E. slope.

72.00 Top of ascent, slopes E.; desc. 20 ft. along E. slope.

End of triangulation.

W 8 Survey of a Portion of the Subdivision of T. 42 S., R. 8 W.

Chains

55.00 Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T42S R8W

S8 S9

S17 S16

1959

from which,

A juniper, 8 ins. diam., bears S. 77° E., 80 lks. dist., mkd. T42S R8W S16 BT.

A pinon, 10 ins. diam., bears S. 88° 20' W., 103 lks. dist., mkd. T42S R8W S17 BT.

Land, rolling and broken.

Soil, shallow sand and exposed sandstone.

Timber, scattered juniper and pinon.

From the true point for the cor. of secs. 9, 10, 15 and 16.

N. 89° 58' W., bet. secs. 9 and 16.

Through scattered timber; begin triangulation; desc. 300 ft. over broken ledges on W. slope.

12.70 Wash, in bottom of Bay Bill Canyon, 50 lks. wide, 3 ft. deep, drains N. irregularly; asc. 750 ft. over ledges facing E.

39.95 Point for the $\frac{1}{2}$ sec. cor. of secs. 9 and 16 falls on inaccessible ledges on W. breaks of Bay Bill Canyon, where the cor. cannot be monumented.

50.30 Asc. over rim of ledge about 50 ft. high, bears N. and S.

50.44 End of triangulation.

50.45 Point selected for the witness $\frac{1}{2}$ sec. cor. of secs. 9 and 16.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S R8W

$\frac{1}{2}$ S 9 W

S16 C

1959

Asc. 10 ft. over SE. slope.

57.00 Spur, projects NE.; desc. 10 ft. over W. slope.

59.66 By triangulation to the cor.

59.70 Asc. over rim, a cliff about 400 ft. high, bears N. and S.; desc. 700 ft. over abrupt W. slope.

75.40 Wash, 30 lks. wide, 3 ft. deep, drains N. 10° E.; asc. 130 ft. over E. slope.

79.90 The cor. of secs. 8, 9, 16 and 17.

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, scattered juniper and pinon.

Survey of a Portion of the Subdivision of T. 42 S., R. 8 W.

Chains

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

N. 0° 03' W., bet. secs. 32 and 33.

Over rolling land, through medium dense timber; asc. 50 ft. over SW slope.

12.00 Bladed road, bears E. and W.

12.80 Ridge, bears SE. and SW.; desc. 170 ft. over rolling N. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the gr with brass cap mkd.

T42S R8W

$\frac{1}{4}$
S32|S33
1959

Set a juniper post, 8 ft. long, 3 ins. diam., alongside iron post.

No other suitable accessories available.

Desc. 10 ft. over N. slope.

46.30 Desc. over ledge about 30 ft. high, bears N. 70° W. and S. 70° E.; desc. 200 ft. over abrupt N. slope.

49.50 Wash, 1 ch. wide, 6 ft. deep, drains NW.; asc. 100 ft. over SW slope.

54.80 Spur, slopes NW.; desc. 170 ft. over N. slope.

58.50 Ravine, drains sharply NW.; asc. 280 ft. over SW slope.

74.30 Spur, slopes sharply W.; desc. 60 ft. along W. slope.

80.00 Point for the cor. of secs. 28, 29, 32 and 33.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 4 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S R8W

S29|S28
S32|S33
1959

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, medium dense juniper and pinon.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., monumented by an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

N. 0° 03' W., bet. secs. 31 and 32.

Through medium timber; asc. 200 ft. over abrupt S. slope.

10.30 Spur, slopes sharply S. 30° W.; desc. 30 ft. along W. slope.

18.20 Drain, puts SW.; asc. 30 ft. over S. slope.

Survey of a Portion of the Subdivision of T. 42 S., R. 8 W.

Chains

21.90 Ridge, bears N. 80° W. and S. 80° E.; desc. 40 ft. over N. slope.

34.80 Bladed road, bears NW. and SE.; desc. 40 ft. over N. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T42S R8W

$\frac{1}{4}$
S31|S32.
1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Desc. 90 ft. over N. slope.

47.80 Wash, 40 lks. wide, 6 ft. deep, drains N. 70° W.; asc. 140 ft. over SW. slope.

63.90 Spur, projects N. 60° W.; desc. 10 ft. over N. slope.

68.30 Desc. 450 ft. over ledges on N. slope.

80.00 Point for the cor. of secs. 29, 30, 31 and 32.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T42S R8W

S30|S29
S31|S32
1959

Deposit charcoal at base of iron post.

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, scattered to medium timber.

From the cor. of secs. 28, 29, 32 and 33.

N. 89° 58' W., bet. secs. 29 and 32.

Desc. 150 ft. along S. slope, through medium timber.

11.50 Spur, slopes W.; desc. 190 ft. over spur sloping W.

16.30 Wash, 1 ch. wide, 20 ft. deep, drains N. about 3 chs. thence W.; asc. 150 ft. over abrupt E. slope.

22.30 Spur, slopes sharply NE.; desc. 70 ft. along N. slope.

30.30 Spur, projects NW.; desc. 60 ft. over SW. slope.

33.20 Wash, 1 ch. wide, 2 ft. deep, drains NW.; asc. 50 ft. over series of low spurs and minor drains putting N.

39.95 Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

of a Portion of the of R. S. W.

Chains

T42S R8W

S29

S32

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Asc. 40 ft. over series of minor spurs and small drains putting N.

47.20 Top of ascent on N. slope of spur, slopes N.; desc. 20 ft. over ser
of minor spurs and small drains putting N.

79.90 The cor. of secs. 29, 30, 31 and 32.

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, scattered to medium timber.

GENERAL DESCRIPTION

The land in the township is mostly high tableland covered with a good growth of juniper and pinon. It is cut by numerous canyons draining northerly into the East Fork of the Virgin River.

The only water found was in the East Fork of the Virgin River, which enters the township just west of the corner of sections 2 and 3, flows westerly through the township and leaves near the $\frac{1}{4}$ section corner of sections 7 and 12 on the west boundary.

There are no settlements at the present time and the land is used only for a limited amount of stock grazing. At the time of survey there was no mining activity but an oil well was being drilled in the township to the south.

The elevation above sea level varies from about 4,800 feet in the canyon of the East Fork of the Virgin River to about 6,600 feet on the top of the Harris Mountains in the south.

FIELD ASSISTANTS

CERTIFICATE OF CADASTRAL ENGINEER

I, George D. Voorhees, HEREBY CERTIFY upon honor
pursuance of special instructions bearing date of the 8th day of June,

I have ~~surveyed~~ ^{re-surveyed} the ~~de~~ ^{resurvey} of a portion of the ~~ea~~ ^{land}
and the survey of a portion of the subdivi. . .

of the Salt Lake Meridian, in the State of Utah, which
represented in the foregoing field notes as having been executed ^{under my supervision} ~~by me and under my direction~~; and
said survey has been made in strict conformity with said instructions, the Manual of Instructions for
Survey of the Public Lands of the United States, and in the specific manner described in the
field notes.

Salt Lake City, Utah

August 9, 1960

George D. Voorhees
George D. Voorhees
Cadastral Surveyor (Chief of

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., DEC 23 1960, 19

The foregoing field notes of the ~~survey of~~ ^{resurvey of} . . .

of the ~~de~~ ^{resurvey} of a portion of the ~~ea~~ ^{land} . . .

Salt Lake Meridian, Utah

executed by Donald A. Cannon and Boyd S. Owens Cadastral ~~Surveyors~~ ^{Surveyors} under the
vision of George D. Voorhees, Cadastral Surveyor (Chief of Party)
having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer

I CERTIFY that the ~~field notes~~ ^{copy} of the field notes of the above-described surveys in T. 42
R. 8 W., SLM, Utah, is a true copy of ~~the~~ ^{the} field notes.

Cadastral Engineering

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY OF

TOWNSHIPS 42 AND 43 SOUTH, RANGE 9 WEST

AND

DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF

TOWNSHIP 43 SOUTH, RANGE 9½ WEST

AND SURVEY OF

A PORTION OF THE SUBDIVISION

TOWNSHIP 42 SOUTH, RANGE 9½ WEST

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

George D. Voorhees, Cadastral Surveyor (Chief of Party)

Donald A. Cannon, Cadastral Surveyor

der special instructions dated June 8, 1959, which provided

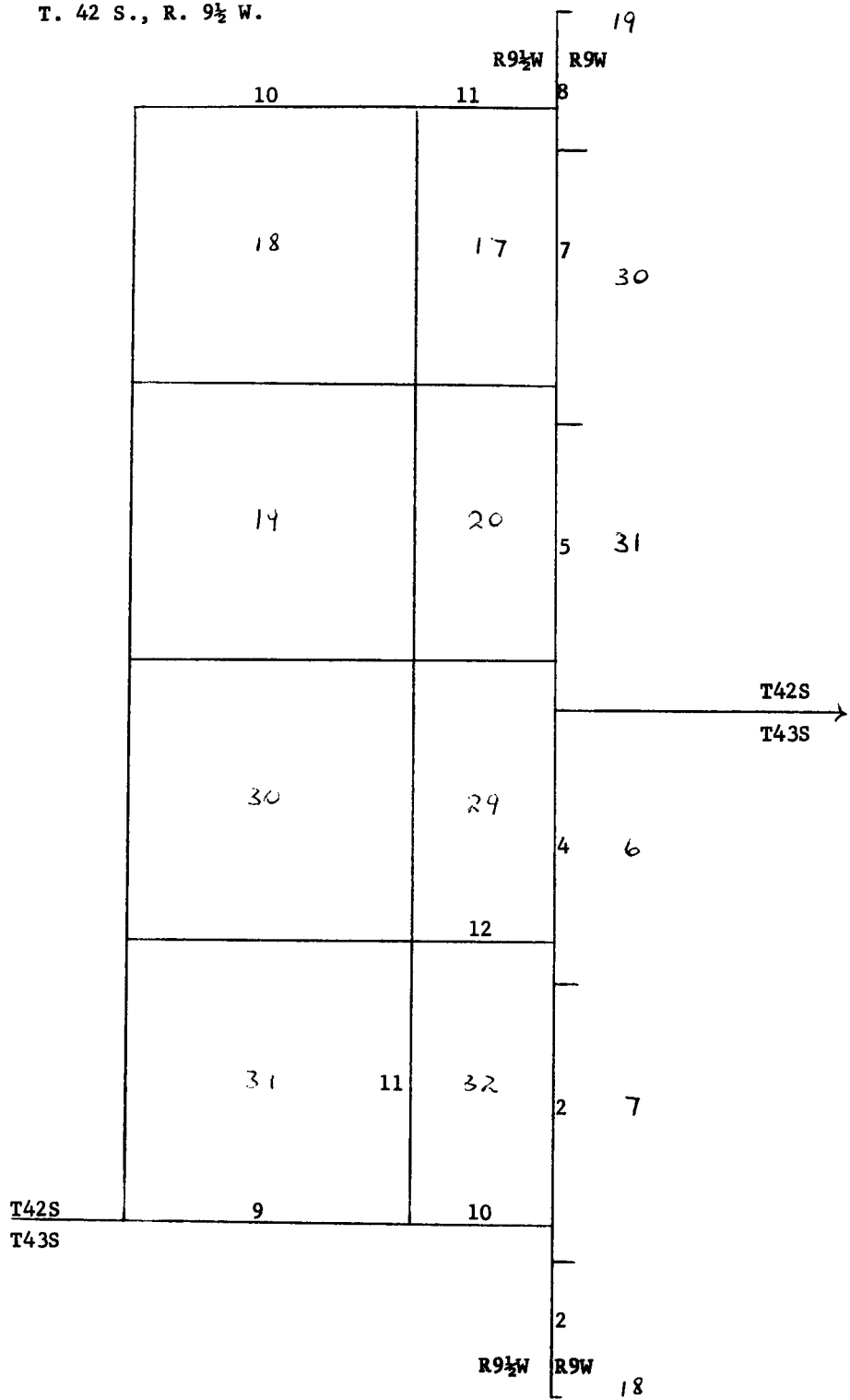
r the surveys included under Group No. 427, approved June 19, 1959

d assignment instructions dated August 11, 1959

Survey commenced October 9, 1959

Survey completed October 22, 1959

T. 42 S., R. 9½ W.



Ts. 42 and 43 S., Rs. 9 and 9½ W.

Chains

The west boundary of Ts. 42 and 43 S., R. 9 W. was surveyed by S. P. Stewart and F. G. French in 1909. The north boundary of T. 43 S., R. 9½ W. was surveyed by A. J. Stewart, Jr. and L. A. Snow in 1910.

The following field notes are those of the dependent resurvey of a portion of the west boundary of Ts. 42 and 43 S., R. 9 W., and the north boundary of Township 43 South, Range 9½ West; and the survey of a portion of the subdivision of Township 42 South, Range 9½ West, deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections that normally are considered state school sections.

The survey was executed with a W. and L. E. Gurley solar transit No. 541331, constructed in accordance with standard specifications of the Bureau of Land Management. The instrument was in good condition, having been placed in proper adjustment prior to the beginning of the field work. It was tested and checked frequently during the progress of the survey.

The direction of all lines being reported were determined by deflecting from meridians established by observations upon the sun, throughout the survey.

Before restoring corners, the lines of the original survey were retraced and diligent search made for any evidence of the original corners. The rules of proportionate measurement were applied to ascertain the position of the lost corners after every reasonable possibility of finding direct evidence of the corner had been exhausted.

Corners on latitudinal lines were set on the true latitudinal curve. Lines connecting previously established courses were run by random and true method, but for the simplification of the record the random lines are omitted from these field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

The measurements were made with a steel tape, eight chains in length. This tape graduated every link for the first chain, and thereafter at intervals of ten links. The tapes were tested by comparison with a standard steel tape, one chain in length, and found to be correct. The measurements were on the slope, the vertical angle of each interval determined by use of clinometers, and the slope distances properly reduced to horizontal equivalents. All lines were surveyed by direct methods where the lines were accessible; the inaccessible lines were run by traverse or by triangulation methods. The details of such traverses or triangulations have been thoroughly verified and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The geographic value for the southeast corner of the township is latitude 37° 05' 00.4" N., and longitude 112° 53' 53.7" W. as determined by computation and scaling from U. S. G. S. topographic maps.

The magnetic declination was read at a number of stations throughout the township and the average of the several readings was found to be 16° 30' East.

Dependent Resurvey, Portion of W. Bdy., T. 43 S., R. 9 W.

Dependent Resurvey of a Portion of the West Boundary of T. 43 S., R. 9 W.

Reestablishment of the survey executed by S. P. Stewart and F. G. French in 1909.

Beginning at the $\frac{1}{4}$ sec. cor. of secs. 13 and 18, on the W. bdy. of T. 43 S., R. 9 W., monumented by an iron post, 1 in. diam., firmly set, mkd. and witnessed as described in the field notes of the 1909 survey of T. 43 S., R. 9 W.

I now alter the brass cap to read for the township to the east, as follows

T43S
R9W
S18
1909
1959

W. $0^{\circ} 04' E.$, along the W. bdy. of sec. 18, T. 43 S., R. 9 W.

Over rolling and broken land, through scattered timber; desc. 240 ft. over steep N. slope.

34.00 Small wash, drains NW.; desc. 40 ft. over NW. slope.

39.98 The cor. of secs. 7, 12, 13 and 18 on the W. bdy. of T. 43 S., R. 9 W., monumented by an iron post, 3 ins. diam., firmly set, mkd. and witnessed as described in the field notes of the 1909 survey of the W. bdy. of T. 43 S., R. 9 W. and altered as described in the field notes of the 1910 survey of the N. bdy. of T. 43 S., R. 9 $\frac{1}{2}$ W.

I now alter the brass cap to read for the township to the east, as follows

T43S
R9 $\frac{1}{2}$ W | R9W
S 7
S18
1909
1959

Land, rolling and broken.

Soil, sand.

Timber, scattered Ponderosa pine and juniper, heavy underbrush.

N. $0^{\circ} 14' W.$, along the W. bdy. sec. 7, T. 43 S., R. 9 W.

Over rolling and broken land, through scattered timber; desc. 110 ft. over steep N. slope.

7.60 Wash, 40 lks. wide, 4 ft. deep, drains W.

10.20 Wash, 20 lks. wide, 6 ft. deep, drains S. $70^{\circ} W.$; asc. 100 ft. over steep S. slope.

15.45 The closing cor. of Ts. 42 and 43 S., R. 9 $\frac{1}{2}$ W., monumented by an iron post, 3 ins. diam., firmly set, mkd. and witnessed as described in the field notes of the 1910 survey of the N. bdy. of T. 43 S., R. 9 $\frac{1}{2}$ W.

Portion of W. 1/2, T. 43 S., R. 9 W.

Chains

N. 0° 16' W., beginning new measurement.

Asc. 70 ft. over S. slope.

8.00 Slope changes to SW.; asc. 10 ft. over rolling land.

20.00 Wash, 20 lks. wide, 3 ft. deep, drains S. 35° W.; asc. 50 ft. over SW. slope.

24.66 The 1/4 sec. cor. of secs. 7 and 12 on the W. bdy. of T. 43 S., R. 9 W., monumented by an iron post, 1 in. diam., firmly set, mkd. and witnessed as described in the field notes of the 1909 survey of the W. bdy. of T. 43 S., R. 9 W., with brass cap mkd.

T42S	T43S
1/4 S12	S 7
R9 1/2 W	R9W
1909	

I now alter the brass cap to function for T. 43 S., R. 9 W. only, as follows

T43S
1/4 S7
R9W
1959
1909

N. 0° 09' E., beginning new measurement.

Asc. 70 ft. over SW. slope.

11.80 Top of ascent, bears E. and W.; cont. over nearly level land on gentle W. slope.

15.34 Point for the 1/4 sec. cor. of sec. 32, on the E. bdy. of T. 42 S., R. 9 1/2 W.

Set an iron post, 2 1/2 ins. diam., 30 ins. long, 24 ins. in the ground, with brass cap mkd.

T42S
1/4 S32
R9 1/2 W
1959

No other accessories available.

Cont. over nearly level land on gentle W. slope.

34.10 Slope changes to NW.; desc. 70 ft.

39.97 The cor. of secs. 1, 6, 7 and 12 on the W. bdy. of T. 43 S., R. 9 W., monumented by an iron post, 3 ins. diam., firmly set, mkd., and witnessed as described in the field notes of the 1909 survey of the W. bdy. of T. 43 S., R. 9 W., with brass cap mkd.

T43S	
R9 1/2 W	R9W
S 1	S 6
S12	S 7
1909	

I now alter the brass cap to read as follows

Chains

T42S	T43S
	R9W
S32	S 6
R9½W	S 7
	1959
	1909

Land, rolling.

Soil, sand.

Timber, scattered Ponderosa pine, pinon, juniper, heavy underbrush.

N. 0° 05' W., along the W. bdy. sec. 6, T. 43 S., R. 9 W.

Over rolling land, through scattered timber; desc. 40 ft. over NW. slope.

- 15.37 Point for the cor. of secs. 29 and 32, on the E. bdy. of T. 42 S., R. 9½ W.

Set an iron post, 2½ ins. diam., 30 ins. long, 24 ins. in the ground, and in a collar of stone, with brass cap mkd.

T42S	T43S
S29	S 6
S32	
R9½W	R9W
	1959

Desc. 50 ft. over NW. slope.

- 23.70 Wash, 15 lks. wide, 4 ft. deep, drains irregularly N.; desc. 60 ft.

- 36.25 The ¼ sec. cor. of secs. 1 and 6 on the W. bdy. of T. 43 S., R. 9 W., monumented by an iron post, 1 in. diam., firmly set, mkd. and witnessed as described in the field notes of the 1909 survey of the W. bdy. of T. 43 S., R. 9 W., with brass cap mkd.

¼ S 1	S 6
	1909

I now alter the brass cap to function for T. 43 S., R. 9 W., only, follows

T43S
¼
S 6
R9W
1909
1959

N. 0° 07' W., beginning new measurement.

Desc. 70 ft. over steep N. slope.

- 10.60 Same wash, 20 lks. wide, 4 ft. deep, drains N. 20° E. on curve from S. 10° W.; desc. 20 ft.
- 15.30 Same wash, 40 lks. wide, 6 ft. deep, drains NW. on curve from S. 30° E.; asc. 20 ft. over SW. slope.
- 19.12 Point for the ¼ sec. cor. of sec. 29, on the E. bdy. of T. 42 S., R. 9½ W.

Resurvey of Portion of W. Bdy. of T. 43 S., R. 9 W.

Chains

Set an iron post, 2½ ins. diam., 30 ins. long, 16 ins. in the ground to bedrock, and in a cellar of stone, with brass cap mkd.

T42S
 ½ S29
 R9½W
 1959

Asc. 80 ft. over steep SW. slope...

25.40 Top of ascent, bears E. and W.; thence over gently rolling land on W. slope.

35.31 Fence, four-strand barbed wire, bears E. and W. about 20 lks.; thence N. 60° W.

The cor. of Ts. 42 and 43 S., Rs. 9 and 9½ W., monumented by an iron post, 3 ins. diam., firmly set, mkd. and witnessed as described in the field notes of the 1909 survey of the W. bdy. of T. 43 S., R. 9 W., with brass cap mkd.

T42S
 R9½W R9W
 S36 S31
 S 1 S 6
 R9½W R9W
 T43S
 1909

I now alter the brass cap to read as follows

T42S
 R9½W R9W
 S29 S31
 S 6
 R9W
 T43S
 1959
 1909

Land, rolling and broken.

Soil, sand.

Timber, scattered Ponderosa pine, pinon, juniper, heavy undergrowth.

Dependent Resurvey of a Portion of the West Boundary of T. 42 S., R. 9 W.

Reestablishment of the survey executed by S. P. Stewart and F. G. French in 1909.

Beginning at the cor. of Ts. 42 and 43 S., R. 9 W. ... previously described.

N. 0° 27' E., along the W. bdy. of sec. 31, T. 42 S., R. 9 W.

Over rolling and broken land, through scattered timber; desc. 40 ft. along W. slope.

23.81 Point for the cor. of secs. 20 and 29, on the E. bdy. of T. 42 S., R. 9½ W.

Set an iron post, 2½ ins. diam., 30 ins. long, 24 ins. in the ground, and in a collar of stone, with brass cap mkd.

Resurvey, Portion of W. Bdy., T. 42 S., R. 9 W.

Chains

T42S
R9½W
S20
S29
S31
1959

Desc. 20 ft. over NW. slope.

26.70 Wash, 20 lks. wide, 6 ft. deep, drains W.; asc. 80 ft. over steep SW. slope.

35.90 Spur, projects W.; desc. 40 ft. over NW. slope.

40.20 The ¼ sec. cor. of secs. 31 and 36, on the W. bdy. of T. 42 S., R. 9 W., monumented by an iron post, 1 in. diam., firmly set, mkd., and witnessed as described in the field notes of the 1909 survey of the W. bdy. of T. 42 S., R. 9 W., with brass cap mkd.

¼ S36
S31
1909

I now alter the brass cap to function for T. 42 S., R. 9 W. only, as follows

T42S
R9W
¼
S31
1959
1909

N. 0° 04' W., beginning new measurement.

Desc. 110 ft. over steep NW. slope.

23.61 Point for the ¼ sec. cor. of sec. 20 on the E. bdy. of T. 42 S., R. 9½ W.

Set an iron post, 2½ ins. diam., 30 ins. long, over a cross (X) on solid sandstone, and in a mound of stone, 4½ ft. base, to top of post with brass cap mkd.

T42S
R9½W
¼ S20
1959

Desc. 170 ft. over steep NW. slope.

39.80 Fence, barbed-wire, bears E. and W.

The cor. of secs. 25, 30, 31 and 36 on the W. bdy. of T. 42 S., R. 9 W., monumented by an iron post, 3 ins. diam., firmly set, mkd. and witnessed as described in the field notes of the 1909 survey of the W. bdy. of T. 42 S., R. 9 W., with brass cap mkd.

T42S
R9½W
S25
S30
S36
S31
1909

I now alter the brass cap to read as follows

Portion of W. Bdy. T. 42 S., R. 9 W.

Chains

T42S

R9W R9W

S20 S30
S31

1959

1909

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, scattered Ponderosa pine, juniper, heavy underbrush.

N. 0° 04' W., along the W. bdy., sec. 30, T. 42 S., R. 9 W.

Over rolling and broken land, through scattered timber; desc. 50 ft. along W. slope.

13.80 Wash, 1 ch. wide, 5 ft. deep, drains N. 65° W.; asc. 90 ft. over steep SW. slope.

23.81 Point for the cor. of secs. 17 and 20, on the E. bdy. of T. 42 S., R. 9½ W.

Set an iron post, 2½ ins. diam., 30 ins. long, 14 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top of post, with brass cap mkd.

T42S

R9W R9W

S17 S30
S20

1959

Asc. 30 ft. over steep SW. slope.

27.00 Spur, projects W.; desc. 90 ft. over NW. slope.

40.18 The ¼ sec. cor. of secs. 25 and 30 on the W. bdy. of T. 42 S., R. 9 W., monumented by an iron post, 1 in. diam., firmly set, mkd. and witnessed as described in the field notes of the 1909 survey of the W. bdy. of T. 42 S., R. 9 W., with brass cap mkd.

¼ S25 S30

1909

I now alter the brass cap to function for T. 42 S., R. 9 W. only, as follows

T42S

¼ S30

R9W

1959

1909

N. 0° 06' W., beginning new measurement.

Desc. 20 ft. over NW. slope.

7.50 Wash, 30 lks. wide, 6 ft. deep, drains S. 25° W.; asc. 130 ft. over steep SW. slope.

15.00 Spur, projects S. 25° W.; thence over nearly level land on W. slope.

21.20 Slope changes to NW.; desc. 20 ft.

Portion of W., T. 42 S., R. 9 W.

Chains

- 23.63 Point for the $\frac{1}{4}$ sec. cor. of sec. 17, on the E. bdy. of T. 42 S., R. 9 $\frac{1}{2}$ W.

Set an iron post, 2 $\frac{1}{2}$ ins. diam., 30 ins. long, 2 ins. in the ground to bedrock, and in a mound of stone, 3 $\frac{1}{2}$ ft. base, to top of post, brass cap mkd.

T42S
 $\frac{1}{4}$ S17
 R9 $\frac{1}{2}$ W
 1959

Desc. 160 ft. over steep N. slope of spur, projecting NW.

- 35.90 Jeep trail, in bottom of wash, bears E. and W.; thence over nearly level land in Shunes Hollow.

- 39.95 The cor. of secs. 19, 24, 25 and 30 on the W. bdy. of T. 42 S., R. 9 W., monumented by an iron post, 2 ins. diam., firmly set, mkd. and witnessed as described in the field notes of the 1909 survey of the W. bdy. of T. 42 S., R. 9 W., with brass cap mkd.

T42S
 R9 $\frac{1}{2}$ W | R9W
S24 S19
 S25 | S30
 1909

I now alter the brass cap to read as follows

T42S
 R9 $\frac{1}{2}$ W | R9W
 $\frac{1}{4}$ S17 | S19
 S30
 1959
 1909

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, scattered Ponderosa pine, juniper, heavy underbrush.

N. 0° 02' W., along the W. bdy. of sec. 19, T. 42 S., R. 9 W.

Over nearly level land in Shunes Hollow.

- 6.70 Base of ascent, bears E. and W.; asc. 100 ft. over steep SW. slope.
- 12.00 Spur, projects SW.; desc. 70 ft. over NW. slope.
- 21.70 Wash, 20 lks. wide, 5 ft. deep, drains S. 30° W.
- 23.44 The closing cor. of secs. 8 and 17, on the E. bdy. of T. 42 S., R. 9 $\frac{1}{2}$ W., monumented by an iron post, 2 ins. diam., firmly set, mkd., and witnessed as described in the field notes of the 1909 survey of the W. bdy. of T. 42 S., R. 9 W., with brass cap mkd.
- 40.09 The $\frac{1}{4}$ sec. cor. of secs. 19 and 24 on the W. bdy. of T. 42 S., R. 9 W., monumented by an iron post, 1 in. diam., firmly set, mkd., and witnessed as described in the field notes of the 1909 survey of the W. bdy. of T. 42 S., R. 9 W., with brass cap mkd.

Chains

o Bd T 42 S R. 9 W.

¼ S24 | S19

1909

I now alter the brass cap to function for T. 42 S., R. 9 W. only, as follows

T42S

R9W

¼ S19

1959

1909

End of this resurvey.

Land, gently rolling.

Soil, sandy loam.

Timber, scattered Ponderosa pine, juniper, heavy underbrush.

Dependent Resurvey of the North Boundary of T. 43 S., R. 9½ W.

Reestablishment of the survey executed by A. J. Stewart, Jr. and L. A. Snow, in 1910.

Beginning at the cor. of Ts. 42 and 43 S., Rs. 9½ and 10 W. monumented by an iron post, 3 ins. diam., firmly set, mkd. and witnessed as described in the field notes of the 1910 survey of the N. bdy. of T. 43 S., R. 9½ W.

N. 89° 57' E., bet. secs. 6 and 31.

Over rough and broken land, through scattered pinon and juniper; thence by triangulation. Topography approximate as scaled from U. S. G. S. topographic map. Desc. about 480 ft. over steep E. slope.

40.12 The ¼ sec. cor. of secs. 6 and 31 monumented by an iron post, 1 in. diam., firmly set, mkd. and witnessed as described in the field notes of the 1910 survey of the N. bdy. of T. 43 S., R. 9½ W.

End triangulation.

N. 89° 58' E., beginning new measurement.

Desc. 40 ft. over gentle E. slope.

11.00 Wash in bottom of Broad Hollow, 1 ch. wide, 1 ft. deep, drains N. 10° E. from S. 30° W.; thence over nearly level land in Broad Hollow.

35.50 Wash, 1 ch. wide, 1 ft. deep, drains N. 80° W.

40.02 The cor. of secs. 5, 6, 31 and 32 monumented by an iron post, 3 ins. diam., 36 ins. long, completely buried beneath sand, mkd. and witnessed as described in the field notes of the 1910 survey of the N. bdy. of T. 43 S., R. 9½ W.

At the true point.

Reset the original iron post, 26 ins. in the ground to bedrock.

Land, W. ½ mile rough and broken; E. ½ mile gently rolling.

Soil, sand.

Timber, W. ½ mile scattered pinon and juniper; E. ½ mile none.

Dependent Resurvey, N. Bdy., T. 43 S., R. 9 W.

Chains

N. 89° 58' E., bet. secs. 5 and 32.

Over gently rolling land in Broad Hollow; asc. 30 ft. over SW. slope.

15.10 Base of ascent, bears NW. and SE.; asc. 200 ft. over broken SW. slope.

37.90 The closing cor. of Tps. 42 S., R. 9 W., on the W. bdy. of T. 43 S., R. 9 W., previously described.

Land, rough and broken.

Soil, sand.

Timber, scattered Ponderosa pine, juniper, heavy underbrush.

Survey of a Portion of the Subdivision of T. 42 S., R. 9½ W.

secs. 7, 12, 13 and 18
Beginning at the true point for the cor. of T. 42 S., Rs. 9½ and 10 W., on the S. bdy. of Zion National Park, from which its witness cor. bears N., 4.64 chs. dist., monumented by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the concurrent survey of T. 42 S., R. 10 W.

East, along the N. bdy. of sec. 18.

Over rough and broken land on the N. wall of Shunes Creek Canyon, through scattered timber; thence by triangulation, with topography approximate as scaled from U. S. G. S. topographic map. Desc. about 200 ft. over ledges on N. wall of canyon.

10.50 Wash, drains SW. on curve from N.; asc. about 475 ft. over ledges on precipitous W. slope.

23.50 Top of ascent, spur, projects S.; desc. about 350 ft. over ledges on precipitous E. slope.

34.50 Wash, drains S. 5° W. from N. 5° W.; asc. about 275 ft. over ledges on precipitous W. slope,

39.70 Top of ascent, spur, projects S. 5° W.

40.00 Point for the ¼ sec. cor. of secs. 7 and 18 on the N. bdy of T. 42 S. R. 9½ W., coincident to a cor. on the S. bdy. of Zion National Park.

Set an iron post, 2½ ins. diam., 30 ins. long, over a cross (X) on solid sandstone, and in a mound of stone, 4 ft. base, to top of post, with brass cap mkd.

ZNP
T42SR9½W

S. 7
¼ S18

1959

Cont. by triangulation along N. rim of Shunes Hollow; desc. about 300 ft. over steep E. slope of spur.

50.00 Wash, drains S.; thence over nearly level land on gentle S. slope.

63.00 Wash, drains SW.; asc. about 350 ft. over ledges on precipitous W. slope.

73.40 Spur, projects S. from N. 10° E.; end triangulation. Desc. 160 ft. over ledges on precipitous E. slope of spur.

T. 42 S., R. 9½ W.

Chains

80.00

Point for the cor. of secs. 7, 8, 17 and 18 on the N. bdy. of T. 42 W., R. 9½ W., coincident to a cor. on the S. bdy. of Zion National Park.

Set an iron post, 2½ ins. diam., 30 ins. long, 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

T42SR9½W

ZNP

S 7 | S 8

S18 | S17

1959

Land, rough and broken ledges on N. rim of Shunes Creek Canyon and Shunes Hollow.

Soil, shallow sand.

Timber, thinly scattered pinon and juniper.

East, along the N. bdy. of sec. 17.

Over rough and broken land, through thinly scattered timber; by triangulation; desc. about 150 ft. over steep SE. slope.

24.00 Slope changes to SW.; asc. about 60 ft.

28.50 Spur, projects S.; desc. about 75 ft. over steep SE. slope.

37.92 Intersect the W. bdy. of T. 42 S., R. 9 W., at a point N. 0° 02' W., 23.44 chs. dist. from the cor. of secs. 19 and 30, T. 42 S., R. 9 W.

Point for the closing cor. of secs. 8 and 17; coincident to a cor. on the S. bdy. of Zion National Park.

Set an iron post, 2½ ins. diam., 30 ins. long, 22 ins. in the ground to bedrock, with brass cap mkd.

T42S

ZNP

R9½W | R9W

C S 8 | S19

C S17 |

1959

Deposit charcoal at base of iron post.

Land, rolling and broken.

Soil, sand.

Timber, scattered pinon and juniper, heavy underbrush.

From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp., previously described.

N. 0° 01' E., bet. secs. 31 and 32.

Over rolling and broken land, through scattered timber; asc. 70 ft. over SW. slope.

12.80 Spur, projects SW.; asc. 90 ft. along W. slope.

33.30 Spur, projects W.; desc. 30 ft. over NW. slope.

40.00 Point for the ¼ sec. cor. of secs. 31 and 32.

Portion of Subdivision, T. 42 S., R. 9½ W.

Chains

Set an iron post, 2½ ins. diam., 30 ins. long, 24 ins. in the ground to bedrock, with brass cap mkd.

T42SR9½W

S31|S32

1959

Cont. over rolling land; asc. 80 ft. over SW. slope.

60.00 Spur, projects W.; desc. 200 ft. over NW. slope.

73.00 Wash, drains NW.; asc. 10 ft. over SW. slope.

80.00 Point for the cor. of secs. 29, 30, 31 and 32.

Set an iron post, 2½ ins. diam., 30 ins. long, 2 ins. in the ground to bedrock and in a mound of stone, 3½ ft. base, to top of post, with brass cap mkd.

T42SR9½W

S30|S29

S31|S32

1959

Land, rolling and broken.

Soil, sand.

Timber, scattered Ponderosa pine and juniper, heavy underbrush.

N. 89° 52' E., bet. secs. 29 and 32.

Over rolling and broken land, through scattered timber; asc. 240 ft. over W. slope.

19.10 Slope changes to N.; thence cont. over nearly level land.

37.94 The cor. of secs. 29 and 32 on the E. bdy. of the Tp., previously described.

Land, rolling.

Soil, sand.

Timber, scattered Ponderosa pine, juniper, heavy underbrush.

General Description

T. 42 S., R. 9½ W. is situated adjacent to the south boundary of Zion National Park. Elevations range from 4500 feet to about 6400 feet above sea level. Drainage is generally north through the center of the township via Broad Hollow to its junction with Shunes Hollow, which drains west, leaving the township at the northwest corner.

Shunes Hollow and Broad Hollow are nearly level sagebrush flats; the adjacent slopes are covered with scattered Ponderosa pine, pinon, juniper, and a heavy undergrowth of manzanita, oak, live oak, sagebrush and rabbit brush.

A jeep trail enters the township in Shunes Hollow, from the east, following a tortuous and circuitous route from the Short Creek area to the south.

The only water of consequence found within the township is located in the extreme northwest corner in the form of seeps along the cliffs forming the head of Shunes Creek Canyon.

FIELD ASSISTANTS

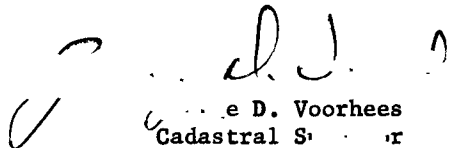
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CERTIFICATE OF CADASTRAL ENGINEER

I, George D. Voorhees, HEREBY CERTIFY upon honor
pursuance of special instructions bearing date of the 8th day of June,
I have ~~surveyed~~ supervised the dependent resurvey of a portion of the west
Ts. 42 and 43 S. R. 9 W. dependent resurvey of the north b of T. 43 S.
R. 9½ W.; and survey of a portion of the subdivision of T. 42 S., R. 9½ W.
of the Salt Lake Meridian, in the State of Utah, which
represented in the foregoing field notes as having been executed ~~by me and under my direction~~ under my supervision; and
said survey has been made in strict conformity with said instructions, the Manual of Instructions for
Survey of the Public Lands of the United States, and in the specific manner described in the f
field notes.

Salt Lake City, Utah

February 12, 1960


George D. Voorhees
Cadastral S. r

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., DEC 23 1960, 19

The foregoing field notes of the ~~survey of~~ dependent Resurvey of portion of the west
boundary of Ts. 42 and 43 S. R. 9 W.; dependent resurvey of the north boundary of
T. 43 S., R. 9½ W.; and survey of a portion of the subdivision
of T. 42 S., R. 9½ W., Salt Lake Meridian Utah

executed by Donald A. Cannon Cadastral Surveyor, under the supervision of
George D. Voorhees, Cadastral Surveyor
having been critically examined and found correct, are hereby approved.



Cadastral Engineering Staff C

CERTIFICATE OF TRANSCRIPT

_____, is a true copy of the original

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF

A PORTION OF THE NORTH BOUNDARY OF T. 43 S., R. 10 W.,

AND

SURVEY OF PORTION OF THE EAST BOUNDARY AND PORTION OF THE SUBDIVISION

OF

TOWNSHIP 42 SOUTH, RANGE 10 WEST

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

George D. Voorhees, Cadastral Surveyor (Chief of Party)

Boyd S. Owens, Cadastral Surveyor

Donald A. Cannon, Cadastral Surveyor

under special instructions dated June 8, 1959, which provided

for the surveys included under Group No. 427, approved June 19, 1959

and assignment instructions dated August 11, 1959

Survey commenced October 9, 1959

Survey completed October 23, 1959

INDEX DIAGRAM

Township 42 South, Range 10 West

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31 14	32 7 1	33	34	35 16	36 3

16-56770-1

— Boyd S. Owens
 — Donald A. Cannon

Townshi 42 South, 10 West

Chains

The south and west boundaries were surveyed by R. E. L. Collier and R. Gentry in 1909. A portion of the north boundary was surveyed by J. G. Burrill in 1877. A portion of the subdivision was surveyed by R. C. Bailey in 1877.

The following field notes are those of a dependent resurvey of the south boundary, a survey of a portion of the east boundary and a survey of a portion of the subdivision in T. 42 S., R. 10 W., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. and L. E. Gurley solar transits Nos. 541331 and 580614, both constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were in good condition prior to the beginning of the survey and were maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a one-chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 37° 05' 00.33" N. and longitude 112° 55' 29.84" W., as determined from section line traverse from U. S. G. S. triangulation station "DeMille," located in section 22, T. 42 S., R. 10 W.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 16° 30' East.

Dependent Resurvey of Portion of North Boundary, T. 43 S., R. 10 W.

Reestablishment of the survey executed by R. E. L. Collier and R. Gentry in 1909.

Beginning at the true point for the cor. of secs. 4, 5, 32 and 33, on the N. bdy. of T. 43 S., R. 10 W.

S. 89° 54' W., along the N. bdy. of sec. 5.

Dependent Resurvey of a Portion of the North ., T. 43 S. R. 10

Chains

By triangulation; asc. abruptly about 380 ft. over precipitous E. slope of canyon wall near head.

16.20 W. rim of canyon, bears N. and S. 20° E.; end of triangulation.

16.40 The witness cor. of secs. 4, 5, 32 and 33, a 3 ins. iron post, set, mkd. and witnessed as described in the field notes of the 1909 of the N. bdy. of T. 43 S., R. 10 W.

Asc. 120 ft. over E. slope through moderate ponderosa pine.

37.50 Base of exposed sandstone spur, slopes E.; asc. 80 ft.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 32, on the S. bdy. of T. 42 S., R. 10 W.

Drill an iron post, 15 ins. long, 1 in. diam., 6 ins. into solid sandstone, in a collar of stone, with brass cap mkd.

T42S R10W

$\frac{1}{4}$ S32
1959

Asc. 20 ft.

41.28 The $\frac{1}{4}$ sec. cor. of secs. 5 and 32, set, mkd. and witnessed as descr in the 1909 survey of the N. bdy. of T. 43 S., R. 10 W. This cor. now functions as the $\frac{1}{4}$ sec. cor. of sec. 5, T. 43 S., R. 10 W. only. I now alter the brass cap to read,

$\frac{1}{4}$
S 5
1959
1909

N. 89° 54' W., along the N. bdy. of sec. 5, beginning new measureme

Asc. 10 Ft.

.80 Top of spur; desc. 140 ft. over series of small spurs and washes putting N.

29.10 Wash, 40 lks. wide, 2 ft. deep, drains N. 30° E.; asc. 80 ft. over broken E. slope.

38.72 Point for the cor. of secs. 31 and 32, on the S. bdy. of T. 42 S., R. 10 W.

Drill an iron post, 15 ins. long, 1 in. diam., 8 ins. into solid sandstone, with brass cap mkd.

T42S R10W

S31|S32

S 5

T43S

1959

Raise a mound of stone, 3 ft. base, 2½ ft. high, N. of cor.

39.89 The cor. of secs. 5, 6, 31 and 32, a 3 ins. iron post, set, mkd. witnessed as described in the field notes of the 1909 survey of the N. bdy. of T. 43 S., R. 10 W.

I now alter the brass cap to read

Dependent Resurvey of Portion of North Boundary, T. 43 S., R. 10 W.

Chains

T42S R10W

S31

S6|S5

T43S R10W

1959

1909

Land, rolling and broken.

Soil, rocky, sandy and exposed sandstone.

Timber, scrub pinon and juniper, moderate to scattered ponderosa pine.

Undergrowth, scattered blackbrush, oak, mansanita and grass.

Survey of Portion of the East Boundary of T. 42 S., R. 10 W.

Beginning at the cor. of Tps. 42 and 43 S., Rs. 9½ and 10 W., monumented by an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

North, bet. secs. 31 and 36.

Through scattered timber; asc. 30 ft. along broken E. slope.

21.20 Spur, slopes sharply N. 30° E.; desc. 330 ft. over ledgy N. slope.

38.10 Small wash, drains NE.; asc. 10 ft. along E. slope.

40.00 Point for the ¼ sec. cor. of secs. 31 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.

T42S

R10W R9½W

¼

S36|S31

1959

Deposit mkd. stone at base of iron post.

No other suitable accessories available.

Asc. 90 ft. over S. slope.

45.50 Spur, projects N. 60° E.; cont. by triangulation; desc. about 150 ft. over ledges on N. slope.

51.70 Wash, 20 lks. wide, 2 ft. deep, drains NE. about 3 chs. thence SE.; asc. about 200 ft. over ledges on broken SE. slope.

66.00 Spur, slopes S. 30° E.; desc. about 150 ft. along inaccessible ledges facing E.

80.00 Point for the cor. of secs. 25, 30, 31 and 36 falls on inaccessible spot on ledges facing E. where the cor. cannot be monumented.

Land, rolling and broken.

Soil, shallow sand and exposed sandstone.

Timber, scattered juniper and pinon.

North, bet. secs. 25 and 30.

Through scattered timber, by triangulation.

Survey of a Portion of the East Boundary of T. 42 S., R. 10 W.

Chains

- 5.00 Ravine, drains sharply S. 60° E.; asc. about 300 ft. over high 1 facing E.
- 15.90 Point selected for the witness cor. of secs. 25, 30, 31 and 36.
- Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.
- T42S
R10W R9½W
S25|S30
S36|S31
1959
- 15.94 End of triangulation.
- Asc. 30 ft. along E. slope.
- 21.20 Top of ascent, slopes sharply E.; desc. 40 ft. along E. slope.
- 31.60 Point selected for the witness ¼ sec. cor. of secs. 25 and 30.
- Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
- T42S
R10W R9½W
W C
¼
S25|S30
1959
- 31.80 Rim, a ledge about 70 ft. high, bears N. 20° W. and S. 30° E.; cont. by triangulation.
- Desc. about 350 ft. over ledges facing E.
- 40.00 Point for the ¼ sec. cor. of secs. 25 and 30 falls on inaccessible ledges facing E. where the cor. cannot be monumented.
- 46.50 Wash, at head, drains S. 80° E.; asc. about 500 ft. over series of minor drains and spurs putting SE.
- 73.30 Asc. over ledge about 20 ft. high, bears NE. and SW.
- 73.49 End of triangulation; cont. by chaining.
- Asc. 20 ft. over SE. slope.
- 76.50 Spur, slopes E.; desc. 30 ft. along E. slope.
- 80.00 Point for the cor. of secs. 19, 24, 25 and 30.
- Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.

T42S
R10W R9½W
S24|S19
S25|S30
1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, scattered juniper and pinon.

249

Survey of a Portion of the East Boundary of T. 42 S., R. 10 W.

Chains

North, bet. secs. 19 and 24.

Through scattered timber; asc. 50 ft. along rolling E. slope.

29.00 Spur, slopes N. 30° E.; desc. 100 ft. over N. slope.

40.00 Point for the ¼ sec. cor. of secs. 19 and 24.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T42S
R10W R9½W
¼
S24|S19
1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

By triangulation from 36.59

Desc. about 200 ft. over N. slope.

54.50 Wash, 10 lks. wide, 6 ins. deep, drains N. 30° E.; desc. 50 ft. along E. slope.

80.00 Point for the cor. of secs. 13, 18, 19 and 24.

Set an iron post, 30 ins. long, 2½ ins. diam., 2 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S
R10W R9½W
S13|S18
S24|S19
1959

Land, rolling mesa top.

Soil, sand and exposed sandstone.

Timber, scattered juniper and pinon.

North, bet. secs. 13 and 18.

Through scattered timber, begin triangulation; desc. about 300 ft. over ledges facing E.

40.00 Point for the ¼ sec. cor. of secs. 13 and 18 falls on inaccessible ledges facing E. where the cor. cannot be monumented.

46.00 Ravine, drains sharply N. 20° W.; asc. abruptly 50 ft. over ledge facing W.

48.50 Rim of ravine, bears N. 20° W. and S. 20° E.; asc. 10 ft. along W. slope.

49.90 Point selected for the witness ¼ sec. cor. of secs. 13 and 18.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

Survey of a Portion of the East Boundary of T. 42 S., R. 10 W.

Chains

T42S
R10W R9½W
S13|S18
W.C.
1959

Desc. 10 ft. along W. slope.

- 50.90 End of triangulation; begin another triangulation.
- 51.40 S. rim of Shunes Canyon, a ledge about 200 ft. high, bears N. 60° W. about 1 ch., thence S. and S. 60° E.; desc. about 800 ft. over ledge on N. slope.
- 66.20 Shunes Creek, in bottom of Shunes Canyon, 60 lks. wide, 40 ft. deep, intermittent running water, course NW.; asc. about 100 ft. over 1 : on S. slope.
- 69.00 Spur, slopes sharply W.; desc. about 70 ft. over ledges on N. slope.
- 72.00 Wash, 20 lks. wide, 10 ft. deep, drains S. 80° W.; asc. about 750 ft. over ledges on S. slope.
- 80.00 Point for the cor. of secs. 7, 12, 13 and 18, Tps. 42 S., Rs. 9½ & 10 the S. bdy. of Zion National Park, falls on inaccessible ledges facing S. where the cor. cannot be monumented.

Land, broken.
Soil, sand and exposed sandstone.
Timber, scattered juniper and pinon.

North, bet. secs. 7 and 12.

Asc. over ledge about 350 ft. high.

- 4.50 N. rim of Shunes Canyon, bears N. 30° W. and S. 30° E.
- 4.64 End of triangulation; point selected for the witness cor. of secs. 7, 12, 13 and 18,

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

ZNP
T42S
R10W R9½W
S12|S 7
S13|S18
W C
1959

Land, broken breaks on the N. side of Shunes Canyon.
Soil, shallow sand and exposed sandstone.
Timber, scattered juniper and pinon.

of a Portion of the Subdivision of T. 42 S. R. 10 W.

Chains

Beginning at the true point for the cor. of secs. 4, 5, 32 and 33, whose witness cor., a 3 in. iron post conforming to the record, bears S. 89° 54' W., 16.40 chs. dist.

N. 0° 03' W., bet. secs. 32 and 33.

Over broken mountainous land, through moderate timber and heavy undergrowth. By triangulation, with topography approximated; desc. about 500 ft. over steep NW. slope.

10.00 Wash in bottom of box canyon, drains NE.; asc. about 880 ft. over steep slope and nearly vertical ledges facing SE.

40.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 32 and 33 falls in inaccessible position on face of canyon wall.

40.20 Canyon rim, bears irregularly NE. and SW.; end of triangulation.

40.60 Point selected for the witness $\frac{1}{2}$ sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, in a mound of stone to top, with brass cap mkd.

T42S R10W

$\frac{1}{2}$

S32|S33

W C

1959

Asc. 70 ft. over broken exposed sandstone on SE. slope.

50.20 Top of ascent on point of mesa, bears N. 80° E. and S. 80° W.; thence by triangulation with topography approximated; desc. abruptly about 1,070 ft. over ledges and talus on steep N. slope.

65.50 Wash in box canyon drains NE.; asc. about 360 ft. over steep SE. slope.

80.00 True point for the cor. of secs. 28, 29, 32 and 33 falls in inaccessible canyon from which the point selected for the witness cor. of secs. 28, 29, 32 and 33 bears S. 89° 59' W., 14.00 chs. dist.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T42S R10W

S29|S28 W

S32|S33 C

1959

Land, rolling and broken.

Soil, sandy and exposed sandstone.

Timber, scattered pinon, juniper and yellow pine.

Undergrowth, buckbrush, squawbrush, mansanita, oak and grass.

From the true point for the cor. of secs. 28, 29, 32 and 33.

N. 0° 03' W., bet. secs. 28 and 29.

Over steep broken mountainous land, through moderate timber; by triangulation, with topography approximated; asc. about 840 ft. over steep slope and nearly vertical ledges facing SE.

20.00 Canyon rim, bears NE. and SW.; asc. about 70 ft. over rolling sandstone formations on SE. slope.

Survey of a Portion of the Subdivision of T. 42 S., R. 10 W.

Chains

34.30

Top of ascent on spur, projects E. about 4 chs. to end, and point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 28 and 29.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T42S R10W

W C

S29|S28

1959

Desc. about 440 ft. over nearly vertical canyon wall facing N.

40.00

True point for the $\frac{1}{4}$ sec. cor. of secs. 28 and 29 falls in inaccessible position on face of ledges.

Desc. about 1,180 ft. over steep ledgy N. slope.

78.00

Wash, steep sloping sides, drains irregularly E.; asc. about 80 ft. over steep S. slope.

80.00

True point for the cor. of secs. 20, 21, 28 and 29 falls on steep where cor. cannot be perpetuated; from which U.S.G.S. triangulation "DeMille" bears N. $58^{\circ} 31'$ E., 151.55 chs. dist.

Land, broken and ledgy.

Soil, sandy, rocky and exposed sandstone.

Timber, scattered pinon, juniper and yellow pine.

Undergrowth, scattered to moderate buckbrush, mansanita, oak, squawbush and grass.

N. $0^{\circ} 03'$ W., bet. secs. 20 and 21.

Over broken land; asc. about 120 ft. over S. slope through moderate undergrowth.

4.20

Point selected for the witness cor. of secs. 20, 21, 28 and 29.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T42S R10W

S20|S21

S29|S28

W C

1959

Cont. by triangulation; topography approximate; over rolling and broken top of bench, through moderate scrub oak and timber.

12.20

Fence, 4-strand barbed wire, bears E. and W.; desc. about 80 ft. over N. slope.

22.00

Wash, 2 chs. wide, 10 ft. deep, drains irregularly N. 70° E.; asc. about 120 ft. over rolling SE. slope.

33.20

End of triangulation; cont. over rolling land, E. drainage.

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 20 and 21.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground in a mound of stone, 3 ft. base to top; with brass cap mkd.

T42S R10W

S20|S21

1959

Survey of a Portion of the Subdivision of T. 42 S., R. 10 W.

Chains	<p>Asc. 120 ft. over rolling land; E. drainage and exposure.</p>				
66.10	<p>Rocky spur, slopes sharply E. about 1 ch. to end; desc. 190 ft. over rocky, rolling land putting E.</p>				
80.00	<p>Point for the cor. of secs. 16, 17, 20 and 21.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T42S R10W</p> <table> <tr><td>S17</td><td>S16</td></tr> <tr><td>S20</td><td>S21</td></tr> </table> <p>1959</p> </div> <p>Land, rolling. Soil, clay loam and rocky. Timber, moderate scrub juniper and pinon. Undergrowth, scattered buckbrush, silverleaf, blackbrush, sage and grass.</p>	S17	S16	S20	S21
S17	S16				
S20	S21				
40.00	<p>N. 0° 03' W., bet. secs. 16 and 17.</p> <p>Over rolling land, through moderate pinon and juniper.</p> <p>Desc. 220 ft. over series of spurs putting E.</p> <p>Point for the ¼ sec. cor. of secs. 16 and 17.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground, in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T42S R10W</p> <p>¼</p> <table> <tr><td>S17</td><td>S16</td></tr> </table> <p>1959</p> </div> <p>Asc. 100 ft. over rolling land putting E.</p>	S17	S16		
S17	S16				
56.90	<p>Spur, slopes N. 70° E.; desc. 240 ft. over rolling N. slope.</p>				
70.00	<p>Wash, 10 lks. wide, 3 ft. deep, drains irregularly N.</p>				
74.00	<p>Recross same wash.</p>				
80.00	<p>True point for the cor. of secs. 8, 9, 16 and 17 falls in wash at junction with wash from W.; position is unsafe for monumentation.</p>				
81.00	<p>Point selected for the witness cor. of secs. 8, 9, 16 and 17.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground and in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T42S R10W</p> <table> <tr><td>S8</td><td>S9</td></tr> <tr><td>S17</td><td>S16</td></tr> </table> <p>W C</p> <p>1959</p> </div> <p>Land, rolling. Soil, clay loam and rocky. Timber, moderate scrub juniper and pinon. Undergrowth, scattered silverleaf, buckbrush, oak and grass.</p>	S8	S9	S17	S16
S8	S9				
S17	S16				

Survey of a Portion of the Subdivision of T. 42 S., R. 10 W.

Chains

From the cor. of secs. 16, 17, 20 and 21.

East, bet. secs. 16 and 21.

Over rolling mountainous land, through heavy pinon and juniper; desc 450 ft. over rolling E. slope.

40.00

Point for the $\frac{1}{2}$ sec. cor. of secs. 16 and 21.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the gr. in a mound of stone, 3 ft. base to top, with brass cap mkd.

T42S R10W

$$\frac{1}{2} \frac{S16}{S21}$$

1959

Desc. 50 ft. over steep E. slope.

42.20

South Creek, 70 lks. wide, 2 ft. deep, drains N.; asc. 150 ft. over steep NW. slope.

50.50

Spur, projects sharply S. 80° W.; asc. 210 ft. over broken ledgy W. slope.

63.90

Rocky spur, slopes SW.; asc. 10 ft.

65.50

Top of ascent; desc. 50 ft. along S. slope.

75.60

Bottom of hollow, drains S. 80° W.; asc. 50 ft. over W. slope of rocky ridge.

80.00

Point for the cor. of secs. 15, 16, 21 and 22.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., on rocky surface, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S R10W

$$\frac{S16}{S21} \frac{S15}{S22}$$

1959

Cor. is situated in field of large boulders.

Land, rolling and broken.

Soil, clay loam and rocky.

Timber, moderate to heavy scrub pinon and juniper.

Undergrowth, scattered Sarvis berry, silverleaf, buckbrush and grass

N. $0^{\circ} 02'$ W., bet. secs. 15 and 16.

Over rolling broken land, through moderate scrub pinon and juniper; by triangulation, with topography approximated; desc. 40 ft. over rolling W. slope.

12.00

Wash, 10 lks. wide, 4 ft. deep, drains W.; asc. 80 ft. over S. slope

16.40

End of triangulation on spur sloping W.; desc. 210 ft. over rolling W. slope.

36.70

Shallow wash, 15 lks. wide, drains NW.; asc. 40 ft. over SW. slope.

38.20

Spur, slopes W. 4 chs. to end; desc. 70 ft. over N. slope.

Survey of a Portion of the Subdivision of T. 42 S., R. 10 W.

Chains	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 16. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd. T42S R10W $\frac{1}{4}$ S16 S15 1959 Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of the iron post. Cont. by triangulation; topography approximated. Desc. about 50 ft. over N. slope.
45.00	Wash, drains W.; asc. 120 ft. over S. slope.
49.00	Spur, slopes sharply W.; desc. about 120 ft. over NW. slope.
65.00	Wash, 15 lks. wide, 2 ft. deep, drains S. 80° W.; asc. about 100 ft. over S. slope.
72.20	End of triangulation in saddle on spur sloping S. 80° W.; desc. 90 ft. over NW. slope.
80.00	Point for the cor. of secs. 9, 10, 15 and 16. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd. T42S R10W S 9 S10 S16 S15 1959 Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high W. of the iron post. Land, rolling and broken. Soil, clay loam and rocky. Timber, moderate scrub juniper and pinon. Undergrowth, scattered sarvis berry, blackbrush, squaw brush, grass, oak and buckbrush.
	From the cor. of secs. 9, 10, 15 and 16. N. $89^{\circ} 56'$ W., bet. secs. 9 and 16. Over rolling mountainous land; desc. 250 ft. through moderate to scattered timber, general NW. drainage and exposure.
34.10	Main wash in South Canyon, drains irregularly N.; asc. 60 ft. over E. slope of knoll.
37.50	Top of ascent on knoll; desc. 50 ft.
39.56	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 9 and 16. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

Survey of a Portion of the Subdivision of T. 42 S., R. 10 W.

Chains

T42S R10W

$\frac{1}{4}$ W S 9

C S16

1959

39.98 True point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16 falls in channel of South Creek in an unsafe position for monumentation.

Asc. 120 ft. over NE. slope.

44.50 North slope of knoll; asc. 190 ft. over rolling E. slope, through scattered timber.

75.70 Spur, slopes NE.; desc. 50 ft. over NW. slope.

79.96 The true point for the cor. of secs. 8, 9, 16 and 17, from which it witness cor. bears N. $0^{\circ} 03'$ W., 1.00 ch. dist., previously descri-

Land, rolling and broken.

Soil, clay loam and rocky.

Timber, scattered to moderate scrub juniper and pinon.

Undergrowth, scattered blackbrush, buckbrush, sarvisberry and grass.

Beginning at the cor. of secs. 9, 10, 15 and 16.

S. $89^{\circ} 51'$ E., bet. secs. 10 and 15.

Over rough and broken land, through moderate timber; by triangulation with topography approximated.

Asc. about 150 ft. over steep NW. slope.

8.00 Spur, slopes SW.; desc. about 150 ft. over SE. slope.

15.00 Wash, 10 lks. wide, 1 ft. deep, drains NE.; asc. about 200 ft. over NW. slope.

24.30 End of triangulation on top of spur, slopes N.; desc. 130 ft. over E. slope.

37.30 Wash, 10 lks. wide, 1 ft. deep, drains N.; asc. 10 ft. over low spur sloping N. in canyon bottom.

39.96 Point for the $\frac{1}{4}$ sec. cor. of secs. 10 and 15, at the SW. cor. of Zion National Park; land at proportionate dist.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mld.

S10 | ZNP

$\frac{1}{4}$ S15

T42S R10W

1959

Cont. by triangulation; asc. about 450 ft. over steep W. slope.

56.40 Spur, slopes N. 15° W.; desc. about 170 ft. over steep rolling N. slope, through heavy timber.

75.60 End of triangulation on large white sandrock; desc. 20 ft. along N. slope.

79.92 Point for the cor. of secs. 14 and 15, at proportionate dist. on the S. bdy. of Zion National Park.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, $4\frac{1}{2}$ ft. base to top, with brass cap

Survey of a Portion of the Subdivision of T. 42 S., R. 10 W.

Chains

ZNP
S15 | S14
T42S R10W
1959

Land, rolling and broken.
Soil, clay loam and rocky.
Timber, moderate to heavy juniper and pinon.
Undergrowth, scattered to moderate buckbrush, sarvis berry, grass and blackbrush.

S. 89° 51' E., along the N. bdy. of sec. 14.

Over mountainous land, through heavy timber; by triangulation, with topography approximated.

Cont. along rolling N. slope.

5.00 Slope changes to E.; desc. about 550 ft.

24.50 Bottom of canyon, drains N.; contains good drinking water; asc. about 500 ft. over steep, ledgy W. slope.

30.50 Slope changes to N.

38.90 End of triangulation on large white sand rock, on steep N. slope.

39.96 Point for the $\frac{1}{4}$ sec. cor. of sec. 14, on the S. bdy. of Zion National Park, at proportionate dist.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

ZNP
 $\frac{1}{4}$ S14
T42S R10W
1959

Desc. 50 ft. along N. slope.

54.50 Slope changes to NE.; by triangulation, desc. about 450 ft. over steep ledgy NE. slope.

77.00 Wash, 20 lks. wide, 2 ft. deep, course irregularly N. about 7.00 chs. to junction with Shunes Creek; asc. about 100 ft. over steep ledgy W. slope.

79.92 True point for the cor. of secs. 13 and 14, at proportionate dist., falls on steep ledgy W. slope in an unsafe position.

Land, rolling and broken.
Soil, clay to sandy loam and rocky.
Timber, heavy to moderate juniper and pinon.
Undergrowth, scattered sarvis berry, oak, grass, buckbrush.

S. 89° 51' E., along the N. bdy. of sec. 13.

Over broken mountainous land; asc. about 50 ft. over ledgy W. slope.

of a Portion of the Subdivision

Chains

.70

Point selected for the witness cor. of secs. 13 and 14, on the S. bdy. of Zion National Park; and of triangulation.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

ZNP

W
C S14 S13
T42S R10W
1959

Asc. 50 ft. over W. slope.

3.00

Small flat spur, projects NW.; by triangulation, with topography approximated; desc. about 100 ft. along steep broken W. slope.

32.50

Small Creek, running water, drains N. about 1.20 chs. to junction with Shunes Creek; cont. along canyon bottom.

39.96

True point for the ¼ sec. cor. of sec. 13 falls in bottom of Shunes Creek Canyon in an unsafe position for monumentation.

40.00

Wash in bottom of Shunes Creek Canyon, contains good water, drains irregularly N. 80° W.; asc. about 200 ft. over steep SW. slope.

48.66

Point selected for the witness ¼ sec. cor. of sec. 13, on the S. bdy. of Zion National Park.

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground in a mound of stone, 3 ft. base to top of post, with brass cap mkd.

ZNP

W
C ¼ S13
T42S R10W
1959

Asc. about 300 ft. along precipitous S. slope of canyon wall.

79.92

True point for the cor. of secs. 7, 12, 13 and 18, Tps. 42 S., Rs. 9½ and 10 W., on the E. bdy. of the Tp.; from which its witness cor. bears North 4.64 chs. dist., previously described.

Land, rough and broken.

Soil, sand and exposed sandstone.

Timber, heavy to moderate pinon and juniper.

Beginning at the cor. of secs. 31 and 32, a 1 in. iron post, described in the concurrent dependent resurvey of the N. bdy. of sec. 5 T. 43 S., R. 10 W.

N. 0° 03' W., bet. secs. 31 and 32.

Over rolling land, through scattered ponderosa pine; asc. 80 ft. al. rolling E. slope.

11.80

Rocky spur, slopes irregularly E.; desc. 140 ft. over N. slope.

24.50

Wash, 30 lks. wide, 1 ft. deep, drains E.; asc. 80 ft. over S. sl

34.20

Top of ascent, bears E. and W.; desc. 30 ft. over gentle N. slope.

40.00

Point for the ¼ sec. cor. of secs. 31 and 32.

Survey of a Portion of the Subdivision of T. 42 S., R. 10 W.

Chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T42S R10W

$\frac{1}{4}$
S31|S32

1959

from which

A ponderosa pine, 20 ins. diam., bears S. $80^{\circ} 50'$ W., 91 lks. dist., mkd. T42S R10W $\frac{1}{4}$ S31 BT.

Desc. 100 ft. over gentle N. slope, through scattered groves of oak.

63.20 Small wash, drains N. 25° W.; desc. 50 ft. over rolling NW. slope.

80.00 Point for the cor. of secs. 29, 30, 31 and 32.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T42S R10W

S30|S29
S31|S32

1959

Cor. is located on end of low spur projecting NW. from SE.

Land, rolling.

Soil, sandy and exposed sandstone S. 34 chs.; sandy N. portion.

Timber, scattered ponderosa pine, pinon and juniper.

Undergrowth, scattered mansanita, squaw bush, blackbrush and oak.

Beginning at the true point for the cor. of secs. 28, 29, 32 and 33.

S. $89^{\circ} 59'$ W., bet. secs. 29 and 32.

By traverse and triangulation, over broken mountainous land; asc. about 850 ft. over slope and ledges facing SE.

13.50 Canyon rim, bears SW. and NE.; thence along S. slope.

14.00 Point selected for the witness cor. of secs. 28, 29, 32 and 33.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T42S R10W

S29|S28 W
S32|S33 C

1959

Desc. 50 ft. over SW. slope.

17.70 Draw, drains sharply SE.; asc. 260 ft. over rolling land draining SE.

30.80 Enter broken sandstone formations; asc. 100 ft.

37.50 Sandstone knob; thence along N. slope.

40.02 True point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32, falls on sandstone slope where cor. cannot be perpetuated.

40.60 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 29 and 32.

Survey of a Portion of the Subdivision of T. 42 S., R. 10 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock; in a mound of stone, 5 ft. base to top, with brass cap mkd.

T42S R10W

¼ 829 W

832 C

1959

Asc. about 100 ft. over broken sandstone formations.

47.00 Top of ascent, bears irregularly E. and W.; desc. 170 ft. over broken sandstone knobs and spurs putting S.

60.80 Sandstone spur, slopes S. 15° W.; desc. 300 ft. over steep W. slope.

68.70 Draw, drains N. 15° W.; asc. 70 ft. along N. slope.

80.04 The cor. of secs. 29, 30, 31 and 32.

Land, broken.

Soil, sandy and exposed sandstone.

Timber, scattered scrub pinon and juniper, widely scattered ponderosa pine.

Undergrowth, scattered groves of oak, scattered mansanita and black-brush.

Beginning at the cor. of secs. 1, 2, 35 and 36, a 3 ins. iron post on the S. bdy. of the Tp., set, mkd. and witnessed as described in the official record.

N. 0° 01' W., bet. secs. 35 and 36.

Over rolling mountainous land, through scattered ponderosa pine and moderate oak; desc. 60 ft. over gentle NE. slope.

14.00 Small wash, drains E.; asc. 20 ft. over low rolling spur sloping E.

22.30 Small wash, drains E.; asc. 20 ft. over gentle S. slope.

35.30 Head of canyon, drains N. 5° E.

35.40 Point selected for the witness ¼ sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T42S R10W

¼

W C

S35½ S36

1959

Desc. about 60 ft. over broken walls of canyon.

40.00 True point for the ¼ sec. cor. of secs. 25 and 36 falls on inaccessible canyon wall; desc. 140 ft. along steep broken west side of canyon.

52.56 Begin triangulation over vertical walled side canyon, about 350 ft. deep, drains S. 75° E. about 3.50 chs. to junction with main canyon.

61.30 End of triangulation on small rocky knob; desc. 30 ft. along broken E. slope.

70.56 Begin triangulation over vertical walled side canyon draining E.

Survey of a Portion of the Subdivision of T. 42 S., R. 10 W.

Chains

- 75.20 Spur, projects E.; cont. by triangulation.
- 80.00 True point for the cor. of secs. 25, 26, 35 and 36 falls on steep slope of small sandstone knob where cor. cannot be perpetuated.
- 80.10 Point selected for the witness cor. of secs. 25, 26, 35 and 36.
- Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
- T42S R10W
S26|S25
S35|S36
W C
1959
- Land, rolling S. 35.00 chs., broken remainder.
Soil, sandy and exposed sandstone.
Timber, scattered ponderosa and heavy oak groves S. 35.00 chs., widely scattered remainder.
-
- Counting dist. from the true point for the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., from which its witness cor. bears N. 15.90 chs. dist.
- N. 89° 42' W., bet. secs. 25 and 36,
- Over broken mountainous land, by traverse and triangulation; asc. about 360 ft. over steep broken E. slope.
- 9.00 Slope changes to S.
- 21.00 Slope changes to SW.; desc. about 80 ft.
- 30.00 Draw, drains SE.; asc. about 200 ft. over E. slope.
- 39.00 Spur, slopes SE.; desc. about 40 ft.
- 39.97 Point for the ¼ sec. cor. of secs. 25 and 36.
- Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 5 ft. base to top, with brass cap mkd.
- T42S R10W
¼ S25
S36
1959
- Asc. 20 ft. over SE. slope.
- 42.20 Spur, projects S.; desc. 70 ft. over W. slope.
- 47.50 Draw, drains S. 45° E.; asc. 60 ft. over general E. slope.
- 53.90 Top of ledgy sandstone spur, bears N. 10° E. and S. 10° W.; cont. by triangulation; topography estimated; desc. about 200 ft. over NW. slope.
- 66.00 Bottom of canyon, drains N. 70° W.; asc. about 80 ft. over NE. slope.
- 69.40 Top of ascent on point projecting NW.; desc. about 80 ft. over rolling NW. slope.
- 73.20 E. rim of canyon, bears N. 5° E. and S. 5° W.; desc. about 120 ft. over nearly vertical canyon wall.

Survey of a Portion of the Subdivision of T. 42 S. R. 10 W.

Chains

74.50 Bottom of canyon, drains irregularly N. 5° E.; asc. about 240 ft. steep ledgy E. slope.

79.94 The true point for the cor. of secs. 25, 26, 35 and 36.

Land, rolling and broken.

Soil, sandy and exposed sandstone.

Timber, scattered ponderosa pine and scrub pinon and oak.

General Description

A considerable variety in land and soil is found in T. 42 S., R. 10 W. The elevation of the township ranges from about 4,000 to 7,000 above sea level. Most of the soil on South Mountain is of sandy exposed sandstone formations, the remainder being of sandy clay and rocky. South Mountains are rimmed by nearly vertical ledges about 500 feet high, the major portion of which are inaccessible.

There are some fair stands of ponderosa pine at the higher elevation with moderate scrub pinon and juniper dominating the slopes at lower elevations.

In the portion surveyed (the central and eastern) South Creek, Creek, Shunes Creek and their tributaries drain the area northerly, emptying into the Virgin River. These creeks also afford a constant water supply for the grazing of livestock, which at present is the predominating interest.

The south boundary of Zion National Park cuts across the township from the northeast corner of section 13 to the $\frac{1}{2}$ section corner of section 15, thence northerly through sections 3 and 10.

With the exception of several stock ponds in South Creek Canyon there are no noticeable improvements in the township.

FIELD ASSISTANTS

16-53505-2

CERTIFICATE OF CADASTRAL ENGINEER

I, George D. Voorhees, HEREBY CERTIFY upon honor
 pursuance of special instructions bearing date of the 8th day of
 I have ~~surveyed~~ supervised the dependent re of a portion of the
 of T. 43 S. R. 10 W. and the of a
 of the subdivision of 42 S. R. 10 W.
 of the Salt Lake Meridian, in the State of Utah, which
 represented in the foregoing field notes as having been executed under my supervision
 said survey has been made in strict conformity with said instructions, the Manual of Instructions for
 Survey of the Public Lands of the United States, and in the specific manner described in the f
 field notes.

Salt Lake City, Utah
August 18, 1960

George D. Voorhees
 George D. Voorhees
 Cadastral Surveyor (Chief of

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
 Washington, D. C., DEC 23 1960, 19

The foregoing field notes of the
 subdivision of T. 42 S., R. 10 W., Salt Lake Meridian Utah

executed by Ord S and Donald A. Cannon Cadastral Surveyors, under the
 vision of George D. Voorhees, Cadastral Surveyor (Chief of Party)
 having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff

I CERTIFY that the of the field notes of the above-described surveys in
R. 10 W., SLM, Utah, is a true copy of the notes.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF A PORTION OF THE SOUTH BOUNDARY

A PORTION OF THE WEST BOUNDARY

AND A PORTION OF THE SUBDIVISION

AND THE SURVEY

OF A PORTION OF THE SOUTH BOUNDARY

AND A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 38 SOUTH, RANGE 2 WEST

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

George D. Voorhees, Cadastral Surveyor (Chief of Party)

Donald A. Cannon, Cadastral Surveyor

der special instructions dated August 8, 19 58, which provided

the surveys included under Group No. 425, approved September 10, 1958

assignment instructions dated June 11, 19 59

Survey commenced July 29, 19 59

Survey completed August 8, 19 59

INDEX DIAGRAM

Township 38 South, Range 2 West

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9					
8 81	10 32	33	34	35	36
7	6	5	4	3	1

Township 38 South, Range 2 West

Chains

The north, south, east and west boundaries and a portion of the subdivision were surveyed by Alfred B. Lewis in 1897.

The following field notes are those of a dependent resurvey of a portion of the south and west boundaries, and a portion of the subdivision; a survey of a portion of the south boundary, and a portion of the subdivision in Township 38 South, Range 2 West.

The survey was executed with W. & L. E. Gurley solar transit No. 541331, conforming to the standard specifications of the Bureau of Land Management. The instrument was maintained in precise adjustment throughout the survey.

Before restoring the corners of the resurvey a search was made for any evidence of the corners and accessories called for in the original field note record. The recovered corners were then monumented. After completing the necessary retracements to connect the identified corner points, the rules of proportionate measurement were applied to ascertain the position of the lost corners. Corners on east-west lines of the original survey completed at this time, were set on the true latitudinal curve. Lines connecting previously established corners were run by the random and true method. For simplification of the record the random lines are omitted from these field notes.

The measurements were made with a narrow steel tape, eight chains in length. The tape was graduated every link for the first chain and thereafter at ten link intervals. The tape was tested by comparison with a standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, and the vertical angles determined by use of a clinometer in good adjustment. The slope measurements were reduced to their horizontal equivalents, which appear in these field notes. All accessible lines were run by the direct method. The inaccessible lines were run by traverse or triangulation methods; the details of such traverses and triangulations were thoroughly verified and in order to simplify the record, are omitted from these field notes. The distance to topography on the inaccessible lines is as scaled from aerial photographs.

All lines of this survey were carried forward by sustained angulation. The direction of all lines herein reported was determined by deflecting from meridians established by altitude observations on the sun or hour angle observations on Polaris, which were set up at a number of stations throughout the survey.

The geographic position for the southeast corner of the township is latitude 37° 26' 56" N. longitude 111° 56' 49" W., as scaled from U. S. G. S. topographic maps.

The magnetic declination was read at a number of stations in the township and the average of the several readings was 15° 30' East.

Dependent Resurvey of a Portion of the South Boundary, T. 38 S., R. 2 W.

Beginning at the orig. cor. of Tps. 38 and 39 S., Rs. 1 and 2 W., this cor. now functions as the cor. of T. 38 S., Rs. 1 and 2 W., only; monumented by a sandstone, 6x6x12 ins., set 4 ins. in the ground and in a mound of stone, 2 ft. base, mkd. with 6 notches on the N., S., E. and W. faces.

At the cor. point,

Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground, and in a mound of stone, 2 ft. base to top, with brass cap mkd.

endent

Portion of S. 1 R 2

Chains

T389

R2W R1W

S36/S31

S 6

T39S R1W

1959

Deposit original cor. in mound of stone, around iron post.

No other suitable accessories available.

Thence S. $89^{\circ} 53'$ W., along the S. bdy. of sec. 36.

Through medium timber; desc. 10 ft. over rolling W. slope.

10.40 The closing cor. of T. 39 S., Rs. 1 and 2 W.; monumented by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the current survey of T. 39 S., R. 1 W.

Desc. 80 ft. over rolling W. slope.

33.20 E. rim of gulch, bears N. 10° W. and S. 10° W.; desc. abruptly 120 ft. over W. slope.

39.80 Wash, 40 lks. wide, 8 ft. deep, in bottom of gulch, drains S. 10° E.

40.03 The orig. $\frac{1}{4}$ sec. cor. of secs. 1 and 36 now functions as the $\frac{1}{4}$ sec. cor. of sec. 36; reestablished from two bearing trees.

A juniper, 12 ins. diam.; bears N. 76° W.; 100 lks. dist., mkd. $\frac{1}{4}$ S BT.

A juniper, 18 ins. diam., bears S. $82^{\circ} 40'$ W.; 47 lks. dist., mkd. $\frac{1}{4}$ S BT.

At the cor. point,

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground and in a small mound of stone, to top, with brass cap mkd.

T38S R 2W

 $\frac{1}{4}$ S36

1959

No other suitable accessories available.

S. $89^{\circ} 58'$ W., beginning new measurement.

Asc. 100 ft. over E. slope.

4.10 W. rim of gulch, bears N. 10° W. and S. 10° E.

7.90 Spur, slopes N. 20° E.; desc. 30 ft. over W. slope.

13.10 Wash, 30 lks. wide, 6 ft. deep, drains N. 20° E.; asc. 100 ft. over gently rolling land.

39.94 The orig. cor. of secs. 1, 2, 35 and 36; this cor. now functions as the cor. of secs. 35 and 36 only; monumented by a limestone, $3 \times 12 \times 16$ ins., set 6 ins. in the ground, dimly mkd.

At the cor. point,

Dependent Resurvey, Portion of S. Bdy., T. 38 S., R. 2 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground with brass cap mkd,

T38S R 2W

S35/S36

S 1

T39S

1959

Deposit orig. cor. alongside iron post.

No other suitable accessories available.

Land, rolling.

Soil, sand and clay.

Timber, scattered to medium juniper and pinon.

S. 89° 57' W., along the S. bdy. of sec. 35.

Through scattered to medium timber, along gently rolling land.

8.40 Track road, bears N. and S.

10.43 Point for the cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground with brass cap mkd.

T38S R 2W

S35

S 2 | S 1

T39S

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Desc. 20 ft. over gently rolling W. slope.

23.50 Wash, 20 lks, wide, 4 ft. deep, drains N. 10° E.

Asc. 20 ft. over gently rolling land, draining NE.

40.05 Point for the ¼ sec. cor. of sec. 35, at proportionate dist.; no evidence of the orig. cor. remains.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground with brass cap mkd.

T38S R 2W

¼ S35

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Cont. over gently rolling land, draining SE.

43.20 Track road, bears N. and S.

50.45 Point for the ¼ sec. cor. of sec. 2

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground with brass cap mkd.

, Portion of S. Bdy., T. 38 S R. 2 W.

Chains

1/4 S 2
T39S R 2W
1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Asc. 20 ft. over gentle SE. slope.

59.30 Track road, bears NE. and SW.

65.50 Divide, bears NE. and SW.; desc. 50 ft. over gentle NW. slope.

80.10 The original cor. of secs. 2, 3, 34 and 35, now functions as the cor. of secs. 34 and 35; monumented by a sandstone, 8x8x16 ins., set 4 ft. in the ground, dimly mkd.

T38S R 2W
S34 S35

1959

Deposit orig. cor. alongside of iron post.

No other suitable accessories available.

Land, gently rolling.

Soil, sand and clay.

Timber, scattered to medium juniper and pinon.

S. 89° 48' W., along the S. bdy. of sec. 34.

Through scattered timber; desc. 20 ft. over gentle NW. slope.

5.40 Wash, 10 lks. wide, 3 ft. deep, drains NW.; cont. over gently rolling land, draining NW.

10.33 Point for the cor. of secs. 2 and 3.

Set an iron post; 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground with brass cap mkd.

T38S R 2W

S34

S 3 | S 2

T39S

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Cont. over gently rolling NW. slope.

16.00 Low spur, slopes N. 30° W.; desc. 10 ft. over W. slope.

18.90 Wash, 30 lks. wide, 12 ft. deep, drains N. 20° E.

39.98 The orig. 1/4 sec. cor. of secs. 3 and 34 now functions as the 1/4 sec. cor. of sec. 34 only; reestablished by measurement from two bearing trees.

A juniper, 14 ins. diam., bears S. 32° 30' W., 19 lks. dist., mkd. 1/4 S3 BT.

A juniper, 12 ins. diam., bears N. 57° 15' W., 72 lks. dist., mkd. 1/4 S 34 BT.

Portion of S. T. 38 S., R. 2 W.

Chains

At the cor. point,

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground with brass cap mkd.

T38S R 2W

½ S34

1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

S. 89° 52' W., beginning new measurement.

Cont. over gently rolling N. slope.

8.80 Low spur, slopes N. 30° W.

15.30 Wash, 20 lks. wide, 5 ft. deep, drains N. 30° W.

28.50 Track road, bears N. and S.

35.70 Wash, 20 lks. wide, 6 ft. deep, drains N. 30° W.

40.06 The orig. cor. of secs. 3, 4, 33 and 34 now functions as the cor. of secs. 33 and 34 only; monumented by a deteriorated juniper post, 4x4x24 ins., set 10 ins. in the ground, dimly mkd.

From which an orig. bearing tree:

A juniper, 10 ins. diam., bears N. 39° 45' E., 45 lks. dist., mkd. T38S R2W S34 BT.

At the cor. point,

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground with brass cap mkd.

T38S R 2W

S33|S34

1959

Set original cor. alongside iron post.

No other suitable accessories available.

Land, gently rolling.

Soil, sand and clay.

Timber, scattered juniper and pinon.

West, along the S. bdy. of sec. 33.

Through scattered timber, over gently rolling land.

8.50 Track road, bears N. 20° E. and S. 20° W.

9.94 The closing cor. of secs. 3 and 4, monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the concurrent survey of T. 39 S., R. 2 W.

Cont. over gently rolling land, draining N.

Dependent Resurvey, Portion of S. 32, T. 38 S. R. 2 W.

Chains

- 31.00 Wash, 30 lks. wide, 6 ft. deep, drains N. 20° W.
- 40.00 Point for the $\frac{1}{4}$ -sec. cor. of sec. 33, at orig. course and dist., no evidence of the orig. cor. remains.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground with brass cap mkd.
- T38S R 2W
 $\frac{1}{4}$ S33
1959
- Deposit charcoal at base of iron post.
- No other suitable accessories available.
- Cont. over gently rolling land, draining N.
- 49.30 Wash, 20 lks. wide, 5 ft. deep, drains N. 20° W.; asc. 20 ft. over gentle E. slope.
- 80.00 Point for the cor. of secs. 32 and 33, at orig. course and dist., no evidence of the orig. cor. remains.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground with brass cap mkd.
- T38S R 2W
S32 | S33
1959
- Deposit charcoal at base of iron post.
- No other suitable accessories available.
- Land, gently rolling.
Soil, sand and clay.
Timber, scattered juniper and pinon.
- West, along the S. bdy. of sec. 32.
- Over gently rolling land, through scattered timber.
- 14.20 W. rim of mesa, bears N. and S.; desc. 190 ft. over broken SW. slope.
- 28.00 Point selected for the witness $\frac{1}{4}$ sec. cor. of sec. 32, at original course and dist., no evidence of the original cor. remains.
- Set an iron post, 20 ins. long, 1 in. diam., drilled 6 ins. in solid sandstone surface, and in a mound of stone, 2 ft. base to top, with brass cap mkd.
- T38S R 2W
W $\frac{1}{4}$ S32
C
1959
- 28.20 E. rim of the Paria River Canyon, a cliff about 800 ft. high, bears NW. and SE.; begin triangulation; desc. about 900 ft. over W. slope.
- 37.20 The Paria River, 60 lks. wide, 6 ins. deep, course S.; asc. 600 ft. over ledges facing NE.

Dependent Resurvey, Portion of S. Bdy., T. 38 S., R. 2 W.

Chains

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 32 falls along the Paria River, where the cor. cannot be perpetuated.

Land, rolling and broken.
Soil, sand, clay and exposed sandstone.
Timber, scattered juniper and pinon.

Survey of a Portion of the South Boundary of T. 38 S., R. 2 W.

From the true point for the $\frac{1}{4}$ sec. cor. of sec. 32 on the S. bdy. of the Tp.

West, along the S. bdy. of sec. 32.

7.20 W. rim of the Paria River Canyon, a cliff about 400 ft. high, bears N. 30° W. and S. 30° E.; asc. about 150 ft. over broken NE. slope.

27.84 End of triangulation, thence by chaining.

Asc. 80 ft. over broken E. slope.

80.00 Point for the cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T38S R2W

S31 | S32

1959

Land, broken breaks of the Paria River.
Soil, sand with exposed sandstone,
Timber, scattered juniper and pinon.

West, along the S. bdy. of sec. 31.

Through scattered timber; asc. 60 ft. over E. slope.

10.50 Spur, projects S.; desc. 110 ft. over W. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 31.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone, $3\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T38S R2W

$\frac{1}{4}$ S31

1959

43.79 Begin triangulation.

44.10 E. rim of Sheep Creek Canyon, a cliff about 400 ft. high, bears N. and S. 10° W.; desc. about 800 ft. over abrupt W. slope.

52.30 Sheep Creek, dry, 80 lks. wide, 6 ft. deep, drains S. 30° W.; asc. about 800 ft. over ledges facing E.

68.80 W. rim of Sheep Creek Canyon, a ledge about 150 ft. high, bears N. 20° E. and S. 20° W.; asc. about 50 ft. over E. slope.

71.20 End of triangulation, cont. by chaining.

Asc. 60 ft. over rolling E. slope.

Portion of S. Bdy., T. 38 S., R. 2 W.

Chains

80.38

Point for the SW. cor. of T. 38 S., R. 2 W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground with brass cap mkd.

T38S R2W

S31

1959

Deposit mkd. stone at base of iron post.

No other suitable accessories available.

From this cor., the SE. cor. of T. 38 S., R. 3 W., bears N., 3.68 chs dist.; monumented by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as hereinafter described.

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, scattered juniper and pinon.

Dependent Resurvey of a Portion of the East Boundary, T. 38 S., R. 3 W.

Reestablishment of the survey executed by A. B. Lewis in 1897.

Beginning at the original cor. of Tps. 38 and 39 S., Rs. 2 and 3 W., this cor. now functions as the SE. cor. of T. 38 S., R. 3 W., only; monumented by a sandstone, 5x10x20 ins. set 8 ins. in the ground, mkd. with 6 notches on the N., S., E. and W. faces.

At the cor. point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T38S

R3W R2W

S36 S31

1959

Set original cor. in mound of stone around iron post.

No other suitable accessories available.

Thence N. $0^{\circ}41'$ E., along the E. bdy. of sec. 36.

Through scattered timber; asc. 30 ft. over S. slope.

4.50 Spur, slopes SE.; desc. 70 ft. over N. slope.

17.90 Wash, 20 lks. wide, 1 ft. deep, drains E.; asc. 80 ft. over S. slope.

22.00 Spur, slopes E.; desc. 30 ft. along rolling E. slope.

36.07 Point for the $\frac{1}{4}$ sec. cor. of sec. 31, T. 38 S., R. 2 W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone, $3\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T38S

S31

R2W

1959

36.50 Spur, slopes E.; desc. 50 ft. over N. slope.

Dependent Portion of E. 1/4, T. 38 S. R. 3 W.

Chains

39.42 The original 1/4 sec. cor. of secs. 31 and 36, reestablished at original course and dist. from bearing tree. This point now functions as the 1/4 sec. cor. of sec. 36 only.

A pinon, 10 ins. diam., bears S. 50° 37' W., 49 lks. dist.
Mkd. 1/4 S36 BT.

At the cor. point

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T38S

R3W R2W

1/4
S36

1959

N. 1° 55' E., beginning new measurement.

Through scattered timber, by triangulation across Sheep Creek Canyon.

.50 S. rim of Sheep Creek Canyon, a cliff about 400 ft. high, bears N. 80° W. and S. 70° E.; desc. abruptly about 800 ft. over ledges, facing N.

9.70 Sheep Creek, dry, 80 lks. wide, 6 ft. deep, drains S. 80° E.; asc. about 800 ft. over ledges, facing S.

17.50 N. rim of Sheep Creek Canyon, a ledge about 300 ft. high, bears N. 80° W. and E. about 2 chs., thence N.; end of triangulation.

17.70 High sandstone point, projects SE. about 2 chs. to the end; desc. 120 ft. along ledges on E. slope.

24.20 Ravine, drains sharply S. 30° E.; asc. 100 ft. over ledge on S. slope.

24.80 Top of ledge, about 100 ft. high, bears N. 80° E. and W. 1 ch. thence S.; desc. 230 ft. over N. slope.

36.42 The cor. of secs. 25, 30, 31 and 36, monumented by a sandstone, 4 ins. x 14 ins. x 22 ins., set 10 ins. in the ground, dimly mkd.

At the cor. point

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T38S

R3W R2W

S25 S30

S36 S31

1959

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, scattered to medium timber.

Dependent Resurvey of a Portion of the Subdivision, T. 38 S., R. 2 W.

Reestablishment of the survey executed by A. B. Lewis in 1897.

Beginning at the cor. of secs. 29, 30, 31 and 32, monumented by a sandstone, 8x10x22 ins., set 10 ins. in the ground, mkd. with 5 notches on the E. face and 1 notch on the S. face.

Resurvey Portion of Subd 1 T. 38 S. R. 2 W.

Chains

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

T38S R2W

S30|S29

S31|S32

1959

Deposit original cor. alongside iron post.

No other suitable accessories available.

Thence

S. 89° 44' W., bet. secs. 30 and 31.

Through scattered timber, desc. 140 ft. over W. slope.

5.80 Wash, 30 lks. wide, 10 ft. deep, drains N. 30° E.; asc. 170 ft. over rolling land, draining E.

39.99 The ¼ sec. cor. of secs. 30 and 31, monumented by a deteriorated juniper post, 3¾x18 ins., set 10 ins. in the ground, dimly mkd.

From which the original bearing trees

A pinon, 18 ins. diam., bears N. 48° 45' E., 29 lks. dist., mkd. ¼ S30 BT.

A juniper, 8 ins. diam., bears S. 54° E., 26 lks. dist., mkd. ¼ S31 BT.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

T38S R2W

¼ S30

¼ S31

1959

Set original cor. alongside iron post.

No other suitable accessories available.

S. 89° 57' W., beginning new measurement.

Through scattered to medium timber; asc. 30 ft. over gently rolling E. slope.

8.80 Spur, projects S.

9.30 Track road, bears N. and S.; desc. 100 ft. over W. slope.

31.40 Wash, 30 lks. wide, 10 ft. deep, drains S.; asc. 40 ft. over gently rolling land.

35.30 Wash, 20 lks. wide, 4 ft. deep, drains S. 80° W.; asc. 40 ft. over E. slope.

38.51 The cor. of secs. 25, 30, 31 and 36 on the W. bdy. of the Tp.

Dependent Resurvey, Portion of Subdivision, T. 38 S., R. 2 W.

Chains

Land, rolling.
Soil, sand and clay.
Timber, scattered to medium juniper and pinon.

From the cor. of secs. 31 and 32, on the S. bdy. of the Tp., with original survey.

N. 0° 02' W., bet. secs. 31 and 32.

Through scattered timber; desc. 80 ft. over series of small spurs and drains putting E.

39.79 Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T38S R2W

$\frac{1}{4}$
S31|S32
1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

40.70 Spur, slopes N. 30° E.; desc. 60 ft. over NW. slope.

56.20 S. edge of gulch, bears NE. and SW.; desc. abruptly 90 ft. on NW. slope.

62.20 Wash, in bottom of gulch, 20 lks. wide, 2 ft. deep, drains NE.; asc. 60 ft. over SE. slope.

66.50 N. edge of gulch, bears NE. and SW.; asc. 10 ft. over slight S. slope.

68.50 Spur, slopes NE.; desc. 40 ft. over N. slope.

79.58 The cor. of secs. 29, 30, 31 and 32.

Land, rolling.
Soil, sand and clay.
Timber, juniper and pinon.

General Description

The area surveyed in T. 38 S., R. 2 W. is high mesa land, covered by scattered to medium juniper and pinon and a scattering of undergrowth. Two canyons cut through the mesa in the west portion of the township. The Paria River Canyon drains southerly through the township, leaving on the south boundary of section 32, near the $\frac{1}{4}$ section corner. Sheep Creek Canyon enters the township just north of the $\frac{1}{4}$ section corner of sections 31 and 36, draining southeast, and leaving on the south boundary near the $\frac{1}{4}$ section corner of section 31.

There were no settlements or mining activity in the township at the time of survey, but there was a limited amount of stock grazing. Settlement of the land is impracticable due to the rocky nature of the soil. There are a few track roads in the township, which are used by stockmen.

The elevation above mean sea level varies from around 6,500 feet in the canyon bottoms, to about 7,000 feet on the mesa top,

Chains

200000

100000

50000

25000

10000

5000

2500

1000

500

250

100

50

25

10

5

2

1

0.5

0.25

0.1

0.05

0.025

0.01

0.005

0.0025

0.001

0.0005

0.00025

0.0001

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FIELD ASSISTANTS

[illegible]

CERTIFICATE OF CADASTRAL ENGINEER

I, George D. Voorhees, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 8th day of August, 1958, I have ~~surveyed~~ supervised the dependent resurvey of a portion of the south boundary, a portion of the west boundary and a portion of the subdivision; and the survey of a portion of the south boundary and a portion of the subdivision of T. 38 S., R. 2 W.

of the Salt Lake Meridian, in the State of Utah, which are supervised represented in the foregoing field notes as having been ~~executed~~ by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

October 10, 1960

George D. Voorhees
George D. Voorhees - Cadastral

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., APR 17 1961, 19

The foregoing field notes of the ~~survey of~~ dependent resurvey of a portion of the south boundary a portion of the west boundary, and a portion of the subdivision; and survey of a portion of the south boundary and a portion of the subdivision of T. 38 S. R. 2 W. Salt Lake Meridian Utah

executed by Donald A. Cannon Cadastral Surveyor under the supervision of George D. Voorhees, Cadastral Surveyor (Chief of Party) having been critically examined and found correct, are hereby approved.

[Signature]
Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

_____, is a true copy of the original

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ORIGINAL
FIELD NOTES

OF THE SURVEY
OF THE SOUTH AND WEST BOUNDARIES
AND A
PORTION OF THE SUBDIVISIONAL LINES
OF
TOWNSHIP 39 SOUTH, RANGE 1 WEST

Of the SALT LAKE Meridian,
in the State of UTAH

EXECUTED BY

George D. Voorhees, Cadastral Surveyor (Chief of Party)
Boyd S. Owens, Cadastral Surveyor

Under special instructions dated August 28, 1958, which provided
for the surveys included under Group No. 425, approved September 10, 1958
and assignment instructions dated June 11, 1959

Survey commenced July 22, 1959
Survey completed August 6, 1959

INDEX DIAGRAM

Township 39 South, Range 1 West

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	6	5	4	3	2

Chains

The north boundary was surveyed by Andrew Nelson in 1918. The east boundary, the Salt Lake Meridian, was surveyed by Robert C. Yundt in 1948.

The following field notes are those of the survey of the south and west boundaries and a portion of the subdivision of T. 39 S., R. 1 W., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with a W. and L. E. Gurley solar transit No. 540614, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, eight chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a one chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude $37^{\circ} 22' 09.6''$ N. and longitude $111^{\circ} 50' 24.6''$ W., as computed and scaled from U. S. G. S. topographic map.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be $15^{\circ} 30'$ East.

Survey of the South Boundary of T. 39 S., R. 1 W.

From the cor. of T. 40 S., R. 1 W. and 1 E., a 3 ins. iron post conforming to the record, the point for the S. $\frac{1}{4}$ sec. cor. of sec. 36, T. 39 S., R. 1 W. at midpoint on the S. bdy. of the Tp., bears East 6.54 chs. dist.

Set an iron post, 30 ins. long, $2\frac{1}{4}$ ins. diam., 10 ins. in the ground, in a mound of stone, $3\frac{1}{4}$ ft. base to top, with brass cap mkd.

Survey of the South Boundary of T. 39 S., R. 1 W.

Chains

T39S R1W

1/4 S36

T40S R1E

1959

Thence

From the cor. of Tps. 40 S., Rs. 1 W. and 1 E.

West, along the S. bdy. of sec. 36.

Over mountainous land, through medium timber; asc. 250 ft. over steep, broken E. slope.

7.10 The Cockscomb (narrow ridge top), bears N. and S.; by triangulation desc. about 530 ft. over steep ledgy Blue clay slope.

32.20 Road in Cottonwood Canyon, bears N. and S., thence across canyon bottom.

33.46 Point for the cor. of secs. 35 and 36, on the S. bdy. of the Tp.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.

T39S R1W

S35|S36

S 1

T40S R1W

1959

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, broken.

Soil, clay loam and rocky.

Timber, scattered to medium pinion and juniper.

Undergrowth, scattered sage, shadscale, buckbrush and grass.

West, along the S. bdy. of sec. 35.

Over canyon bottom; by triangulation; topography estimated.

3.00 Cottonwood Wash, 1 ch. wide, 3 ft. deep, drains irregularly S.; asc. about 280 ft. over slickrock facing E., through medium scrub timber.

16.00 Leave slickrock; asc. 30 ft. over E. slope.

40.00 Point for the 1/4 sec. cor. of sec. 35, on the S. bdy. of the Tp.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a mound of stone to top, with brass cap mkd.

T39S R1W

1/4 S35

T40S R1W

1959

Asc. 20 ft. over E. slope.

41.20 Spur, slopes S.; desc. 160 ft. over broken ledgy W. slope.

46.54 Point for the cor. of secs. 1 and 2, on the N. bdy. of T. 40 S., R. 1 W.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T39S R1W

S35S2|S1

T40S R1W

1959

Desc. 20 ft.

47.00 Wash, 50 lks. wide, sandstone bottom, drains irregularly S. from NW.; asc. 310 ft. over broken ledgy NE. slope.

62.20 Top of ledgy ascent; cont. over rolling land through moderate timber asc. 30 ft.

Survey of the South Boundary of T. 39 S., R. 1 W.

Chains

68.20 Leave timber; asc. over gentle E. slope, through moderate sage.

80.00 Point for the cor. of secs. 34 and 35 on the S. bdy. of the Tp.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.

T39S R1W

S34/S35

T40S R1W

1959

Deposit charcoal in hole.

Land, rolling and broken.

Soil, sandy and exposed sandstone.

Timber, moderate pinion and juniper.

Undergrowth, moderate sage W. 11.00 chs.; scattered sage, Brigham tea, buckbrush, thimbleberry and grass.

West, along the S. bdy. of sec. 34.

Over gently rolling land; asc. 20 ft. through moderate sage.

6.54 Point for the $\frac{1}{4}$ sec. cor. of sec. 2 on the N. bdy. of T. 40 S., R. 1 W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.

T39S R1W

$\frac{1}{4}$ S2

T40S R1W

1959

7.00 Jeep trail, bears N. 20° W. and S. 20° E.; asc. 50 ft. over E. slope.

15.20 Ridge, bears N. and S.; desc. 150 ft. over W. slope.

30.30 Small wash, drains S.; asc. 50 ft. over gentle E. slope.

36.74 Base of sandstone butte; asc. 20 ft. over sandstone facing E.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 34, on the S. bdy. of T. 39 S., R. 1 W.

Set an iron post, 15 ins. long, 1 in. diam., 8 ins. into drill hole in solid sandstone, with brass cap mkd.

T39S R1W

$\frac{1}{4}$ S34

T40S R1W

1959

Cor. is located on S. slope of sandstone butte.

Desc. 70 ft. over sandstone facing SW.

46.00 Base of butte.

46.54 Point for the cor. of secs. 2 and 3 on the N. bdy. of T. 40 S., R. 1 W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, in a mound of stone to top, with brass cap mkd.

Survey of the South Boundary of T. 39 S., R. 1 W.

Chains

T39S R1W
S34
 S3|S2
 T40S R1W
 1959

Desc. 10 ft.

46.80 Wash, 30 lks. wide, 1 ft. deep, drains S.; asc. 40 ft. over rolling land.

57.50 Top of ascent; desc. about 20 ft.

59.50 Small wash, drains S. 70° E. from irregularly S. 70° W.; asc. 70 ft. over rolling land.

76.60 Head of small wash, drains NE.; asc. 100 ft. over E. slope.

80.00 Point for the cor. of secs. 33 and 34, on the S. bdy. of T. 39 S., R. 1 W.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground in a mound of stone, 4 ft. base to top, with brass cap mkd.

T39S R1W
S33|S34
 S 3
 T40S R1W
 1959

Land, rolling.
 Soil, sandy and exposed sandstone.
 Timber, moderate scrub juniper and pinion.
 Undergrowth, scattered sage, silverleaf, buckbrush and grass.

From the cor. of secs. 33 and 34.

West, along the S. bdy. of sec. 33, T. 39 S., R. 1 W.

Over rolling land, through moderate timber; asc. 150 ft. over E. slope.

18.20 Leave moderate timber, enter heavy sage, scattered timber; desc. 20 ft. over gentle W. slope.

40.00 Point for the ¼ sec. cor. of sec. 33 on the S. bdy. of T. 39 S., R. 1 W.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground with brass cap mkd.

T39S R1W
¼ S33
 T40S R1W
 1959

Desc. 20 ft. over gentle W. slope.

46.00 Enter moderate to heavy timber; desc. 60 ft. over W. slope.

54.40 Rim of ledges, bears N. and S.; desc. 70 ft. over ledge facing W.

55.50 Wash, drains S.; boxes off about 5.00 chs. N.; asc. 50 ft. over slope and ledge facing E.

Survey of the South Boundary of T. 39 S., R. 1 W.

Chains	
58.30	Rim of ledges, bears NE. and SW.; asc. 10 ft. over rolling land draining S.
80.00	Point for the cor. of secs. 32 and 33, on the S. bdy. of the Tp. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd. <div style="text-align: center;">T39S R1W S32/S33 T40S R1W 1959</div>
	Land, rolling. Soil, sandy and exposed sandstone. Timber, moderate scrub juniper and pinion. Undergrowth, moderate to scattered sage, scattered buckbrush, silver-leaf, Brigham tea and grass.
	From the cor. of secs. 32 and 33. West, along the S. bdy. of sec. 32, T. 39 S., R. 1 W. Over rolling land, through moderate pinion and juniper.
11.00	Mesa rim, bears N. and SE. on bend; by triangulation; topography as taken from U. S. G. S. topographic sheet. Desc. about 740 ft. over ledges and steep broken W. slope.
39.00	Wash in bottom of Hackberry Canyon, 1.50 chs. wide, 2 ft. deep, drains irregularly S.
40.00	True point for the ¼ sec. cor. of sec. 32 falls in Hackberry Canyon where it is impractical to set. Asc. about 180 ft. over canyon wall facing E.
43.02	Point selected for the witness ¼ sec. cor. of sec. 32 on the W. side of Hackberry Canyon. Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. <div style="text-align: center;">T39S R1W ¼ S32 W C T40S R1W 1959</div>
	Asc. about 50 ft. over E. slope.
46.21	Point selected for the witness cor. of secs. 4 and 5, T. 40 N., R. 1 W. Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd. <div style="text-align: center;">T39S R1W W S32 C S3/S4 T40S R1W 1959</div>
46.54	True point for the cor. of secs. 4 and 5, T. 40 S., R. 1 W., falls on outcrop where cor. cannot be perpetuated.

Survey of the South Boundary of T. 39 S., R. 1 W.

	Chains	
47.40		W. rim of Hackberry Canyon, bears N. and S.; asc. 50 ft. over E. slope.
55.60		Spur, slopes S. 10° E.; asc. 80 ft. along rolling S. slope.
79.20		Spur, slopes S.; desc. 10 ft. along S. slope.
80.00		Point for the cor. of secs. 31 and 32.
		Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
		<div style="text-align: center;"> T39S R1W <u>S31 S32</u> S 5 T40S 1959 </div>
		Deposit charcoal at base of iron post.
		No other suitable accessories available.
		Land, rolling and broken.
		Soil, sand and exposed sandstone.
		Timber, scattered juniper and pinion.
		West, along the S. bdy. of sec. 31.
		Through scattered timber; cont. along S. slope.
6.54		Point for the ¼ sec. cor. of sec. 5, T. 40 S., R. 1 W.
		Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground with brass cap mkd.
		<div style="text-align: center;"> ¼ S5 T40S R1W 1959 </div>
		Deposit charcoal at base of iron post.
		No other suitable accessories available.
		Asc. 20 ft. over E. slope.
8.40		Spur, projects S.; desc. 140 ft. along a series of minor spurs and drains putting S.
36.20		Wash, 40 lks. wide, 4 ft. deep, drains SE.; asc. 20 ft. along S. s
40.00		Point for the ¼ sec. cor. of sec. 31, T. 39 S., R. 1 W.
		Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground in a mound of stone, 3 ft. base to top, with brass cap mkd.
		<div style="text-align: center;"> T39S R1W ¼ S31 1959 </div>
		Asc. 60 ft. along N. slope.
46.54		Point for the cor. of secs. 5 and 6, T. 40 S., R. 1 W.
		Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground with brass cap mkd.

Survey of the South Boundary of T. 39 S., R. 1 W.

Chains

T39S
S31
S6/S5
T40S R1W
1959

Deposit mkd. stone at base of iron post.

No other suitable accessories available.

Desc. 30 ft. along N. slope.

51.10 Spur, slopes sharply N. 70° W. about 5 chs. to end; desc. 40 ft. over W. slope.

53.00 Wash, 30 lks. wide, 3 ft. deep, drains N. about 4 chs. to junction with wash from W.; asc. 90 ft. over E. slope.

59.30 Spur, projects N.; desc. 80 ft. over W. slope.

64.80 Bottom of descent, drains N; asc. 170 ft. over NE. slope.

80.00 Point for the SW. cor. of sec. 31, T. 39 S., R. 1 W.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T39S
T40S R 1W
R1W S31
S 6
1959

From this cor. the closing cor. of T. 39 S., R. 2 W. and T. 40 S., R. 1 W., bears North 2.17 chs. dist.

Deposit charcoal at base of iron post.

No other suitable accessories available.

Land, rolling.

Soil, sand and exposed sandstone.

Timber, scattered juniper and pinion.

Survey of the West Boundary of T. 39 S., R. 1 W.

Beginning at the SW. cor. of T. 39 S., R. 1 W., monumented by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as previously described in the concurrent survey of the S. bdy. of T. 39 S., R. 1 W.

North, along the W. bdy. of sec. 31.

1.50 Top of ascent, bears E. and N. 75° W.; desc. 10 ft. over N. slope.

2.17 The closing cor. of T. 39 S., R. 2 W. and T. 40 S., R. 1 W., monumented by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent survey of the S. bdy. of T. 39 S., R. 2 W.

Desc. 130 ft. over barren sandstone on steep N. slope.

Survey of the East Boundary of T. 39 S., R. 1 W.

- Chains
7.90 Wash, barren sandstone bottom, 30 lks. wide, drains S. 70° E.; asc. 130 ft. over steep S. slope.
- 15.50 Slope changes to SE.; asc. 50 ft.
- 29.00 W. rim of canyon, bears N. 25° W. and S. 15° E.; desc. 100 ft. over barren sandstone on steep NE. slope of canyon wall.
- 37.10 Wash in bottom of canyon, barren sandstone bottom, 70 lks. wide, S. 15° E.; asc. 70 ft. over steep SW. slope.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 31, T. 39 S., R. 1 W.
Drill an iron post, 1 ins. diam., 15 ins. long, 8 ins. into solid sandstone, with brass cap mkd.
- T39S
R2W R1W
 $\frac{1}{4}$
S31
1959
- Raise a mound of stone, 3 ft. base, 2½ ft. high, E. of iron post; cont. over steep SW. slope of canyon wall; asc. 50 ft.
- 42.17 Point for the $\frac{1}{4}$ sec. cor. of sec. 36, T. 39 S., R. 2 W.
Drill an iron post, 1 ins. diam., 15 ins. long, 8 ins. into solid sandstone, with brass cap mkd.
- T39S
R2W R1W
 $\frac{1}{4}$
S36
1959
- Raise a mound of stone, 3 ft. base, 2½ ft. high, W. of the iron post. Cont. over steep SW. slope; asc. 70 ft.
- 49.20 Slope changes to W.; asc. 100 ft. along rolling W. slope.
- 73.60 Slope changes to N.; desc. 50 ft.
- 80.00 Point for the cor. of secs. 30 and 31, T. 39 S., R. 1 W.
Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the to bedrock, with brass cap mkd.
- T39S
R2W R1W
S36 S30
S31
1959
- Raise a mound of stone, 3 ft. base, 2½ ft. high, E. of the iron post.
Land, rolling and broken.
Soil, sand and exposed sandstone.
Timber, scattered pinion and juniper.
- North, along the W. bdy. of sec. 30, T. 39 S., R. 1 W.
Over rolling and broken land, through scattered timber; desc. 20 ft. over N. slope.

of the West

of T. 39 S. R. 1 W.

Chains

2.17 Point for the cor. of secs. 25 and 36, T. 39 S., R. 2 W.

Set an iron post, $2\frac{1}{2}$ ins. diam., 30 ins. long, 5 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T39S
R2W R1W
S25 | S30
S36 |
1959

Desc. 30 ft. over N. slope.

5.30 Slope changes to NW.; desc. 30 ft.

8.50 Small wash, drains NE.; asc. 40 ft. over SE. slope.

12.40 Slope changes to E.; asc. 60 ft. over rolling land.

22.90 Fence, 3-strand barbed wire, bears E. and W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 30, T. 39 S., R. 1 W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T39S
R2W R1W
 $\frac{1}{4}$
| S30
1959

Deposit charcoal at base of iron post.

Asc. 10 ft. along rolling E. slope.

42.17 Point for the $\frac{1}{4}$ sec. cor. of sec. 25, T. 39 S., R. 2 W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T39S
R2W R1W
 $\frac{1}{4}$
S25 | S30
1959

Deposit charcoal at base of iron post.

Desc. 90 ft. along rolling E. slope.

80.00 Point for the cor. of secs. 19 and 30, T. 39 S., R. 1 W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T39S
R2W R1W
S25 | S19
| S30
1959

Deposit charcoal at base of iron post.

Land, rolling.

Soil, sand.

Timber, scattered pinion and juniper.

of the West

of T. 39 S. R. 1 W.

Chains

North, along the W. bdy. of sec. 19, T. 39 S., R. 1 W.

Over rolling land, through scattered timber.

2.17

Point for the cor. of secs. 24 and 25, T. 39 S., R. 2 W.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the with brass cap mkd.

T39S
R2W R1W
S24 | S19
S25 |
1959

Deposit charcoal at base of iron post.

Desc. 40 ft. over rolling NE. slope.

17.50

Wash, 50 lks. wide, barren sandstone bottom, drains S. 75° E.; asc. ft. over rolling SW. slope.

40.00

Point for the ¼ sec. cor. of sec. 19, T. 39 S., R. 1 W.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the with brass cap mkd.

T39S
R2W R1W
¼
| S19
1959

Deposit charcoal at base of iron post.

Asc. 10 ft. over SW. slope.

42.17

Point for the ¼ sec. cor. of secs. 24, T. 39 S., R. 2 W.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the with brass cap mkd.

T39S
R2W R1W
¼
S24 |
1959

Deposit charcoal at base of iron post.

Desc. 30 ft. over NE. slope.

47.10

Wash, 50 lks. wide, 2 ft. deep, drains S. 70° E.; asc. 40 ft. over S. slope.

49.50

Low spur, projects S. 70° E.; asc. 10 ft. over rolling land.

63.50

Sandstone knoll, about 100 ft. high, bears E. about 3 chs. dist.

65.00

Small wash, drains NE.; desc. 50 ft. over rolling NE. slope.

78.90

Small wash, drains irregularly E.; asc. 20 ft. over SE. slope.

80.00

Point for the cor. of secs. 18 and 19, T. 39 S., R. 1 W.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the to bedrock, with brass cap mkd.

1956

Survey of the West Boundary of T. 39 S., R. 1 W.

Chains

T39S
R2W R1W
S24 | S18
 | S19
1959

Deposit charcoal at base of iron post.

Land, rolling.

Soil, sand.

Timber, scattered pinion and juniper.

North, along the W. bdy. of sec. 18, T. 39 S., R. 1 W.

Over rolling land, through scattered timber; desc. 10 ft. over NE. slope.

2.17 Point for the cor. of secs. 13 and 24, T. 39 S., R. 2 W.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

T39S
R2W R1W
S13 | S18
S24 |
1959

Deposit charcoal at base of iron post.

Desc. 40 ft. over NE. slope.

10.10 Small wash, 1 ch. from head, drains E.; asc. 30 ft. along E. slope.

14.10 Base of sandstone butte, bears N. 10° E. and S. 10° W.; asc. 100 ft. along precipitous E. slope of butte.

18.80 Small spur, projects E. about 2 chs. to end; desc. 140 ft. along precipitous E. slope of butte.

37.80 Small wash, drains E. about 1 ch. to intersection with wash draining S.

40.00 Point for the ¼ sec. cor. of sec. 18, T. 39 S., R. 1 W.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

T39S
R2W R1W
 |
 | S18
1959

Deposit charcoal at base of iron post.

Desc. 40 ft. over steep NE. slope.

42.17 Point for the ¼ sec. cor. of sec. 13, T. 39 S., R. 2 W.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

T39S
R2W R1W
 |
S13 |
1959

Survey of the West Boundary of T. 39 S., R. 1 W.

Chains	Deposit charcoal at base of iron post.
	Desc. 20 ft. over NE slope.
48.20	Wash, 1 ch. wide, 1 ft. deep, drains E. about 1 ch., thence S.; asc. 70 ft. over S. slope.
52.60	Top of ascent, bears E. and W.; thence over nearly level land; desc. 20 ft.
57.60	Small wash, drains E. on curve from NW.; asc. 150 ft. over steep S. slope.
67.00	Top of broken butte, bears E. and W.; desc. 170 ft. over steep N. slope.
74.40	Wash, 30 lks. wide, 1 ft. deep, drains E.; asc. 170 ft. over steep slope.
77.30	Top of ascent on spur, projects S. 85° E.; desc. 40 ft. over N. sl
79.10	Small wash, drains E.; asc. 40 ft. over S. slope.
80.00	Point for the cor. of secs. 7 and 18, T. 39 S., R. 1 W.
	Drill an iron post, 15 ins. long, 1 ins. diam., 8 ins. into solid sandstone, with brass cap mkd.
	<div style="text-align: center;"> T39S R2W R1W S13 <u>S 7</u> S18 1959 </div>
	There were no accessories available.
	Land, rolling and broken.
	Soil, sand and exposed sandstone.
	Timber, scattered pinion and juniper.
	North, along the W. bdy. of sec. 7, T. 39 S., R. 1 W.
	Over rolling and broken land, through scattered timber; asc. 30 ft. over S. slope.
2.17	Point for the cor. of secs. 12 and 13, T. 39 S., R. 2 W.
	Drill an iron post, 15 ins. long, 1 ins. diam., 8 ins. into solid sandstone, with brass cap mkd.
	<div style="text-align: center;"> T39S R2W R1W S12 <u>S 7</u> S13 1959 </div>
	Raise a mound of stone, W. of the iron post.
	Asc. 60 ft. over steep S. slope.
3.50	Spur, projects E.; desc. 120 ft. along rolling E. slope.
26.40	Wash, 50 lks. wide, 3 ft. deep, drains E.; asc. 250 ft. over barren sandstone on steep SE. slope.

Survey of the West Boundary of T. 39 S., R. 1 W.

Chains	
32.50	Point of sandstone spur, about 100 ft. below top, projects E.; asc. 200 ft. along E. slope.
39.00	Point selected for the witness $\frac{1}{4}$ sec. cor. of sec. 7, T. 39 S., R. 1 W. Drill an iron post, 36 ins. long, 1 ins. diam., 18 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd. <div style="text-align: center;"> T39S R2W R1W W C $\frac{1}{4}$ S 7 1959 </div>
40.00	True point for the $\frac{1}{4}$ sec. cor. of sec. 7, T. 39 S., R. 1 W., falls in inaccessible position on face of sandstone ledge.
41.50	Top of sandstone ledges, bears N. 30° W. and S. 25° E.; desc. abruptly 60 ft.
42.17	Point for the $\frac{1}{4}$ sec. cor. of sec. 12, T. 39 S., R. 2 W. Drill an iron post, 1 ins. diam., 15 ins. long, 8 ins. into solid sandstone, with brass cap mkd. <div style="text-align: center;"> T39S R2W R1W $\frac{1}{4}$ S12 1959 </div> Raise a mound of stone, W. of the iron post, Desc. 230 ft. over broken NE. slope.
51.80	Small wash, drains E. about 3 chs. to junction with large wash; asc. 30 ft. over rolling land in bottom of canyon.
60.70	Jeep trail, bears N. 15° W. and S. 15° E.; desc. 10 ft.
66.10	Wash in bottom of canyon, 1 ch. wide, 20 ft. deep, drains S. 15° E.; asc. 10 ft. along canyon bottom.
71.90	Wash, 50 lks. wide, 30 ft. deep, drains S. 70° W.
75.00	Base of canyon wall, bears NW. and SE.; asc. abruptly 120 ft. over E. wall of canyon.
78.90	Top of canyon wall, bears NW. and SE.; asc. 30 ft. over steep S. slope.
80.00	Point for the cor. of secs. 6 and 7. Drill an iron post, 1 in. diam., 15 ins. long, 8 ins. into solid sandstone, with brass cap mkd. <div style="text-align: center;"> T39S R2W R1W S12 S 6 S 7 1959 </div> Terrain prevents establishment of additional accessories. Land, rolling and broken. Soil, sand and exposed sandstone. Timber, scattered Ponderosa pine, pinion and juniper.

Survey of the West Boundary of T. 39 S., R. 1 W.

Chains

North, along the N. bdy. of sec. 6, T. 39 S., R. 1 W.

Over broken land, through scattered timber; asc. 50 ft. over steep S. slope.

2.17 Point for the cor. of secs. 1 and 12, T. 39 S., R. 2 W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the to bedrock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.

T39S
R2W R1W
 $\frac{S1}{S12}$ S 6
1959

2.90 Top of ascent on spur projecting W.; asc. 20 ft. over rolling and broken land along W. slope.

39.37 Intersect the S. bdy. of T. 38 S., R. 2 W.

Point for the closing cor. of secs. 1 and 6, Tps. 39 S., Rs. 1 & 2 W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground with brass cap mkd.

T38S R2W
 $\frac{S36}{S1}$ S6
R2W R1W
T39S
C C
1959

from which,

The cor. of Tps. 38 S., Rs. 1 & 2 W., bears N. $89^{\circ} 53'$ E., 10.40 dist., monumented by an iron post, $2\frac{1}{2}$ ins. diam., firmly set, mkd. and witnessed as described in the field notes of the concurrent resurvey of the S. bdy. of T. 38 S., R. 2 W.

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, scattered Ponderosa pine, pinion and juniper.

Survey of a Portion of the Subdivision of T. 39 S., R. 1 W.

From the cor. of secs. 35 and 36, on the S. bdy. of the T. 39 S., monumented by an iron post, $2\frac{1}{2}$ ins. diam., firmly set, mkd. and witnessed as previously described in the field notes of the concurrent resurvey of the S. bdy. of T. 39 S., R. 1 W.

N. $0^{\circ} 01'$ W., bet. secs. 35 and 36.

Over rolling and broken land in bottom of Cottonwood Canyon, through scattered timber; desc. 10 ft. over gentle NW. slope.

10.00 Wash in bottom of Cottonwood Canyon, 1 ch. wide, 6 ft. deep, drains S. 15° W. from N.; thence over bottom of wash.

16.00 Leave wash, drains S. from N. 30° E.; asc. 240 ft. over barren sandstone ledges on steep SE. slope of canyon wall.

Survey of a Portion of the Subdivision of T. 39 S., R. 1 W.

Chains

27.80

W. rim of Cottonwood Canyon, bears N. 15° E. and S. 15° W.; asc. 100 ft. over rolling land on SE. slope.

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T39S R1W

 $\frac{1}{4}$
S35 | S36

1959

40.70

Spur, projects SE.; thence by triangulation desc. about 300 ft. over ledges on steep NE. slope; topography estimated.

46.00

Wash in bottom of canyon, drains SE.; asc. about 300 ft. over steep SW. slope.

54.00

Spur, projects SE.; desc. about 150 ft. over steep NE. slope.

64.00

Wash, drains SE.; asc. about 150 ft. over steep S. slope.

80.00

Point for the cor. of secs. 25, 26, 35 and 36. End of triangulation.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 2 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T39S R1W

 $\frac{1}{4}$
S26 | S25
S35 | S36

1959

Land, rough and broken.

Soil, sand and exposed sandstone.

Timber, scattered pinion and juniper.

S. 89° 53' E., bet. secs. 25 and 36.

Over broken and rough land, through scattered timber; desc. 20 ft. along S. slope.

2.20

Slopes changes to E.; thence by triangulation with topography estimated; desc. about 400 ft. over W. wall of Cottonwood Canyon.

20.00

Wash in bottom of Cottonwood Canyon, 1 ch. wide, 2 ft. deep, drains S. 15° W.; asc. 10 ft.

28.00

Secondary road in bottom of Cottonwood Canyon, bears N. and S.; asc. about 30 ft.

34.00

Top of ascent on N. slope of blue clay knoll; asc. about 50 ft. over W. slope.

39.92

Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T39S R1W

 $\frac{1}{4}$
S25
S36

1959

Survey of a Portion of the Subdivision of T. 39 R. 1 W.

Chains

Asc. about 470 ft. over precipitous W. slope on E. wall of Canyon.

57.90 Top of ascent on Cockscomb, bears N. 15° E. and S. 15° W. End of triangulation; desc. 240 ft. over precipitous E. slope.

64.90 Wash in bottom of Cads Crotch, drains S. 15° W.; asc. 170 ft. over ledges on steep W. slope.

74.60 Top of ascent on E. rim of Cads Crotch, bears N. 15° E. and S. 15° W. desc. 120 ft. over broken SE. slope.

79.84 True point for the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., the Salt Lake Meridian, from which the witnesses, an iron post, 2 ins. diam., bears S. 0° 40' E. and dist. 112 ft. make of and is as described in the official record.

Land, rough and broken.
Soil, shallow sand and exposed sandstone.
Timber, scattered pinion and juniper.

Beginning from the cor. of secs. 33 and 34, on the S. bdy. of the Tp. monumented by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as previously described.

N. 0° 02' W., bet. secs. 33 and 34.

Over rolling and broken land, through scattered timber; asc. 50 ft. along broken E. slope.

14.50 Spur, projects S. 75° E.; desc. 120 ft. over NE. slope.

23.30 Small wash, drains S. 60° E.; asc. 50 ft. over S. slope.

25.30 Low spur, projects S. 60° E.; desc. 40 ft. over N. slope.

27.90 Small wash, drains E.; asc. 10 ft. over gentle S. slope.

32.80 Small wash, drains SE. on curve from N.; thence in bottom of wash.

34.50 Leave wash, drains S. from NW.; asc. 60 ft. over ledgy SW. slope.

40.00 Point for the ¼ sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T39S R1W

S33 S34

1959

Asc. 150 ft. over broken ledges on steep SW. slope.

46.00 Slope changes to W.; asc. 50 ft.

51.30 Rim of mesa, bears S. 15° E. and W. about 3 chs.; thence SW.; asc. 100 ft. over gently rolling SW. slope on top of mesa.

80.00 Point for the cor. of secs. 27, 28, 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the to bedrock, with brass cap mkd.

Survey of a Portion of the Subdivision of T. 39 S. R. 1 W.

Chains

T39S R1W

S28|S27

S33|S34

1959

Deposit charcoal at base of iron post.

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, scattered pinion and juniper.

N. 0° 02' W., bet. secs. 27 and 28.

Over rolling land on top of mesa, through scattered timber; asc. 20 ft.

9.80 Top of rim, bears E. and W.; desc. abruptly 70 ft.

20.70 Slope changes to precipitous NW. slope; desc. 130 ft.

31.20 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 27 and 28.

Drill an iron post, 15 ins. long, 1 ins. diam., 8 ins. into solid sandstone, with brass cap mkd.

T39S R1W

 $\frac{1}{4}$

W C

S28|S27

1959

Raise a mound of stone, $3\frac{1}{2}$ ft. base, 3 ft. high, W. of the iron post.

The cor. is located on S. rim of canyon, bears N. 75° E. and S. 75° W., thence by triangulation, with topography estimated; desc. abruptly about 300 ft. over canyon wall.

38.00 The approximate position of a wash in bottom of canyon, drains S. 75° W.; asc. about 100 ft. over talus on N. wall of canyon.

40.00 True point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 28 is inaccessible.

Asc. about 290 ft. over N. wall of canyon.

45.00 The approximate position of the N. rim of canyon, bears N. 75° E. and S. 75° W.; asc. about 10 ft. up bottom of wash, drains S.

50.00 Spur, projects SW.; desc. over NW. slope.

52.00 Head of small canyon, drains SW.; asc. about 150 ft. over steep S. slope.

68.40 Ridge, bears E. and W., end of triangulation; desc. 120 ft. over steep N. slope.

79.50 Small wash, drains NW.; asc. 10 ft. over SW. slope.

80.00 Point for the cor. of secs. 21, 22, 27 and 28.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground to bedrock, with brass cap mkd.

T39S R1W

S21|S22

S28|S27

1959

Survey of a Portion of the Subdivision of T. 39 N., R. 1 W.

Chains

Raise a mound of stone, $3\frac{1}{2}$ ft. base, 3 ft. high, W. of iron post.
Land, rough and broken.
Soil, sand and exposed sandstone.
Timber, scattered pinion and juniper.

N. $0^{\circ} 02'$ W., bet. secs, 21 and 22,

Over rolling and broken land, through scattered timber; asc. 40 ft. over SW. slope.

3.20 Low spur, projects NW.; desc. 220 ft. over steep NE. slope.

8.20 Small wash, 30 lks. wide, 1 ft. deep, drains NW. about 3 chs., + W.

10.90 Small wash, drains W.; asc. 70 ft. over S. slope.

19.90 Top of ascent, bears E. and W.; thence desc. 30 ft. along gentle W. slope.

23.80 Wash, drains W.; asc. 30 ft. over S. slope.

27.40 Top of ascent, bears NW. and SE.; desc. 100 ft. over N. slope.

40.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 21 and 22.

Drill an iron post, 1 ins. diam., 15 ins. long, 8 ins. into solid sandstone, with brass cap mkd.

T39S R1W

$\frac{S21}{S22}$
1959

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of iron post.

Desc. 120 ft. over steep N. slope.

54.50 Wash, 30 lks. wide, 2 ft. deep, drains N. 10° W.; asc. 40 ft. along broken W. slope.

63.40 Head of wash, drains W.; asc. 90 ft. over steep S. slope.

67.50 Top of ledges, bears E. and W.; asc. 130 ft. over S. slope.

80.00 Point for the cor. of secs. 15, 16, 21 and 22.

Drill an iron post, 15 ins. long, 1 ins. diam., 8 ins. into solid sandstone, with brass cap mkd.

T39S R1W

$\frac{S16}{S21}$ $\frac{S15}{S22}$
1959

Cor. is located on top of small narrow barren sandstone spur, proj S. 70° E.

Land, rolling and broken.
Soil, sand and exposed sandstone.
Timber, scattered pinion and juniper.

N. $0^{\circ} 02'$ W., bet. secs. 15 and 16.

Survey of a Portion of the Subdivision of T. 39 S., R. 1 W.

Chains	Over rough and broken sandstone; asc. 50 ft. over steep S. slope.
4.30	Leave barren sandstone, enter scattered timber; bears E. and W.; asc. 120 ft. over S. slope.
13.80	Top of ascent, bears SE. and W.; thence by triangulation, with topography estimated; desc. about 450 ft. over S. wall of canyon.
35.00	The approximate position of the wash in bottom of canyon, 1 ch. wide, 1 ft. deep, drains NW. on curve to W.; asc. about 270 ft. over N. wall of canyon.
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 16 is inaccessible.
48.30	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 15 and 16.
	Drill an iron post, 15 ins. long, 1 ins. diam., 8 ins. into solid sandstone, with brass cap mkd.
	<p style="text-align: center;">T39S R1W $\frac{1}{4}$ S16 S15 W C 1959</p>
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of the iron post.
49.10	Spur, projects W. about 3 chs. to end. End of triangulation; desc. 60 ft. over NW. slope.
54.70	Wash, about 4 chs. from head, drains SW.; asc. 150 ft. over steep S. slope.
62.20	Top of ascent, bears E. and W.; enter moderately heavy timber; desc. 120 ft. over rolling N. slope.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T39S R1W S 9 S10 S16 S15 1959</p>
	Land, rolling and broken. Soil, sand and exposed sandstone. Timber, scattered to moderate Ponderosa pine, pinion and juniper.
	N. 0° 02' W., bet. secs. 9 and 10.
	Over rolling land, through moderate timber; desc. 60 ft. over NE. slope.
5.70	Slope changes to W.; desc. 50 ft. over barren sandstone.
18.80	Wash in bottom of canyon, at head, drains SW.; asc. 110 ft. over steep S. slope.
24.10	Top of ascent, bears E. and W.; desc. 70 ft. over gentle N. slope.
39.40	Wash, 30 lks. wide, 1 ft. deep, drains W.; asc. 10 ft. over S. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 10.

of a Portion of the Subdivision of T. 39 S. R. 1

Chains

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap

T39S R1W

S 9 S10

1959

Asc. 210 ft. over S. slope.

59.50 Top of ascent on narrow ridge, bears N. 30° E. and SW.; desc. 170 ft. along W. slope.

80.00 Point for the cor. of secs. 3, 4, 9 and 10.

Set an iron post, 36 ins. long, 1 ins. diam., 14 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T39S R1W

S 4 S 3
S 9 S10

1959

Land, rolling.

Soil, sand and exposed sandstone.

Timber, moderately heavy Ponderosa pine, pinion and juniper.

N. 0° 16' W., bet. secs. 3 and 4.

Over rolling land, through heavy timber; desc. 200 ft. over gentle NW. slope.

39.19 The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp., monumented by an iron post, 2 ins. diam., firmly set, mkd. and witnessed as described in the field notes of the 1918 survey of the S. bdy. of T. 38 S., R. 1 W.

Land, rolling.

Soil, sand.

Timber, heavy growth of pinion and juniper.

From the cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp., monumented by an iron post, 2 ins. diam., firmly set, mkd. and witnessed as described in the field notes of the S. bdy. of T. 38 S., R. 1 W.

S. 0° 01' E., bet. secs. 1 and 2.

Over rolling land, through moderately heavy timber; desc. 70 ft. over gentle S. slope.

24.80 Old brush fence, bears E. and W.; asc. 10 ft. over S. slope.

33.10 Old wagon road, bears NW. and S. 70° E.; asc. 30 ft. over S. slope.

34.90 Wash, 30 lks. wide, 3 ft. deep, drains S. 5° W. on curve from NW.

36.50 Same wash, drains E.; asc. 20 ft. over N. slope.

39.33 Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground to bedrock, with brass cap mkd.

Survey of a Portion of the Subdivision of T. 39 S., R. 1 W.

Chains

T39S R1W

S2	S1
S11	S12

1959

Deposit charcoal at base of iron post.

Land, rolling.

Soil, sand and exposed sandstone.

Timber, heavy growth of pinion and juniper.

From the cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp., monumented by an iron post, 2 ins. diam., firmly set, mkd. and witnessed as described in the field notes of the 1918 survey of the S. bdy. of T. 38 S., R. 1 W.

S. 0° 01' E., bet. secs. 2 and 3.

Over rolling land, through heavy scrub timber; asc. 120 ft. over gentle NE. slope.

31.00 Top of ascent, bears NW. and SE.; desc. 70 ft. over gentle SW. slope.

37.60 Small wash, drains S. 70° E.

39.27 Point for the cor. of secs. 2, 3, 10 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T39S R1W

S3	S2
S10	S11

1959

from which,

A pine, 10 ins. diam., bears N. 20° 00' E., 1.06 chs. dist., mkd. T39S R1W S2 BT.

A pine, 10 ins. diam., bears S. 33° 15' E., 0.85 chs. dist., mkd. T39S R1W S11 BT.

A juniper, 6 ins. diam., bears S. 60° 30' W., 1.00 ch. dist., mkd. T39S R1W S10 BT.

A juniper, 10 ins. diam., bears N. 25° 00' W., 1.05 chs. dist., mkd. T39S R1W S3 BT.

Land, rolling.

Soil, sand.

Timber, heavy growth of Ponderosa pine, pinion and juniper.

S. 89° 56' E., bet. secs. 2 and 11.

Over rolling land, through heavy timber; desc. 10 ft. over gentle NE. slope.

13.30 Small wash, drains SE.; desc. 30 ft. along gentle S. slope.

20.40 Small wash, drains SE.; desc. 30 ft. along gentle S. slope.

27.60 Small wash, drains S.; asc. 80 ft. over W. slope.

Survey of a Portion of the Subdivision of T. 30 S., R. 1 W.

Chains

- 36.30 Top of ascent on ridge, bears S. and N. on curve to W.; desc. 20 over E. slope.
- 40.02 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11.
- Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 18 inq. in the to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
- T39S R1W
 $\frac{1}{4}$ $\frac{S\ 2}{S11}$
1959
- Desc. 60 ft. over gentle E. slope.
- 49.30 Base of ascent, bears NW. and SE.; asc. 20 ft. over SW. slope.
- 56.70 Spur, projects SE.; desc. 110 ft. over NE. slope.
- 66.70 Slope changes to N.; desc. 30 ft. along N. slope in bottom of c
- 72.10 Leave heavy timber, enter sage flat, bears N. and S.
- 80.04 The cor. of secs. 1, 2, 11 and 12, previously described.
- Land, rolling and broken.
Soil, sand and exposed sandstone.
Timber, heavy growth of ponderosa pine, pinion and juniper.
- From the cor. of secs. 15, 16, 21 and 22, previously described.
- West, bet. secs. 16 and 21.
- Over rough and broken land; desc. 160 ft. along barren sandstone ledges on precipitous S. slope.
- 9.30 Leave barren sandstone, enter scattered timber; desc. 70 ft. along rolling S. slope.
- 36.50 Leave scattered timber; thence over barren sandstone; asc. 20 ft. along S. slope.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21.
- Drill an iron post, 15 ins. long, 1 ins. diam., 8 ins. into solid sandstone, with brass cap mkd.
- T39S R1W
 $\frac{1}{4}$ $\frac{S16}{S21}$
1959
- from which,
- An XBO, chiseled in sandstone ledge, bears N. 0.02 chs. dist.
- Asc. 80 ft. over steep E. slope.
- 43.40 Narrow sandstone spur, projects S. about 1 ch. to end; asc. 50 ft. over SE. slope.
- 51.50 Spur, projects SW.; desc. 110 ft. over ledgy W. slope.
- 60.00 Head of wash, drains S.

Survey of a Portion of the Subdivision of T. 39 S., R. 1 W.

Chains
60.50

Slope changes to N.; thence cont. over barren sandstone, through thinly scattered timber; asc. 50 ft.

80.00

Point for the cor. of secs. 16, 17, 20 and 21.

Drill an iron post, 15 ins. long, 1 ins. diam., 8 ins. into solid sandstone, with brass cap mkd.

T39S R1W
S17|S16
S20|S21
1959

from which,

An XBO, chiseled in sandstone, bears W. 0.02 chs. dist.

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, thinly scattered Ponderosa pine, pinion and juniper.

N. 0° 03' W., bet. secs. 16 and 17.

Over rolling and broken land, through scattered timber; desc. 630 ft. over ledges on precipitous N. slope.

19.90

Wash, barren sandstone bed, 50 lks. wide, 5 ft. deep, drains W. about 8 chs., thence SW.; asc. 70 ft. over steep S. slope.

22.90

Point on sandstone spur, projects SE. from NW.; thence along steep E. slope of spur; asc. 80 ft.

31.40

Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T39S R1W
W C
 $\frac{1}{4}$
S17|S16
1959

from which,

A sandstone cliff, about 400 ft. high, bears W. 0.50 chs. dist.

40.00

True point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17 falls in an inaccessible position on face of cliff.

Asc. 80 ft. along precipitous E. slope.

41.70

Slope changes to S.; asc. 220 ft. over ledges.

48.90

Rim of canyon, bears E. about 1 ch, thence N. and W. about 8.00 chs., thence S.; asc. 50 ft. over rolling top of mesa, through heavy timber.

80.00

Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T39S R1W
S 8|S 9
S17|S16
1959

Survey of a Portion of the Subdivision of T. 39 S., R. 1 W.

Chains

from which,

A pine, 6 ins. diam., bears N. $54^{\circ} 40'$ E., 0.69 chs. dist., mkd. T39S R1W S9 BT.

A juniper, 12 ins. diam., bears S. $39^{\circ} 45'$ E., 0.37 chs. dist., mkd. T39S R1W S16 BT.

A pine, 6 ins. diam., bears S. $38^{\circ} 00'$ W., 0.81 chs. dist., mkd. T39S R1W S17 BT.

A pinion, 10 ins. diam., bears N. $0^{\circ} 10'$ W., 0.53 chs. dist., mkd. T39S R1W S8 BT.

Land, rough and broken.

Soil, sand and exposed sandstone.

Timber, S. 50 chs. thinly scattered Ponderosa pine, pinion and N. 30 chs. heavy growth of Ponderosa pine, pinion and juniper.

From the cor. of secs. 9, 10, 15 and 16, previously described.

West, bet. secs. 9 and 16.

Over rolling and broken land, through heavy timber; asc. 50 ft. over E. slope.

2.30 Spur, projects N.; thence by triangulation, with topography estima Thence over rolling land:

4.50 Small narrow spur, projects N.; desc. abruptly about 250 ft. over E. wall of canyon.

25:00 The approximate position of the wash in bottom of canyon, 50 lks. wide, 1 ft. deep, drains SW.; asc. about 300 ft. over precipitous SE. slope of canyon wall:

39.00 Rim of canyon, bears NE. and SW.; asc. 20 ft. over E. slope.

39.99 Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16.

Set an iron post, 36 ins. long, 1 ins. diam., 16 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T39S R1W

$\frac{1}{4}$ S 9

S16

1959

Asc. 60 ft. over steep E. slope.

42.00 Spur, projects SW. from N.; desc. 20 ft. over W. slope.

53.00 E. rim of canyon, bears N. and SW.; desc. abruptly over precipitous W. slope about 260 ft.

67.90 Wash in bottom of canyon, near head, drains S.; asc. about 100 ft. over steep E. slope of canyon wall:

75.00 W. rim of canyon; bears NE. and S.; thence over rolling land on top of mesa.

79.98 The cor. of secs. 8, 9, 16 and 17, previously described. End of triangulation.

Land, rough and broken.

Soil, sand and exposed sandstone.

Survey of a Portion of the Subdivision of T. 39 S., R. 1 W.

Chains	Timber, medium to heavy growth of Ponderosa pine, pinion and juniper.
	<p>From the cor. of secs. 32 and 33, on the S. bdy. of the Tp., monumented by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as previously described above of the corner stone above of the N. bdy. of T. 40 S., R. 1 W.</p> <p>N. 0° 03' W., bet. secs. 32 and 33.</p> <p>Over rolling land, through heavy timber; asc. 70 ft. over S. slope.</p>
13.80	Top of ascent, bears E. and W.; desc. 130 ft. over gentle N. slope.
35.10	Point selected for the witness ¼ sec. cor. of secs. 32 and 33.
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T39S R1W W C ½ S32 S33 1959</p>
36.00	S. rim of canyon, bears NE. and W., thence by triangulation, with topography estimated; desc. about 200 ft. over canyon wall.
40.00	<p>True point for the ¼ sec. cor. of secs. 32 and 33 falls in inaccessible position on face of canyon wall.</p> <p>Desc. about 200 ft. over canyon wall.</p>
50.00	The approximate position of the wash in bottom of canyon, 1 ch. wide 1 ft. deep, drains SW.; asc. about 400 ft. over steep S. slope of canyon wall.
75.00	N. rim of canyon, bears NE. and W.; asc. about 30 ft. over S. slope.
79.40	Top of spur, projects S.; end of triangulation, thence over nearly level land.
80.00	<p>Point for the cor. of secs. 28, 29, 32 and 33.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T39S R1W S29 S28 S32 S33 1959</p> <p>Land, S. ½ mile gently rolling; N. ½ mile rough and broken land in E. fork of Hackberry Canyon. Soil, sand and exposed sandstone. Timber, S. ½ mile scattered pinion and juniper; N. ½ mile heavy growth of pinion, juniper and Ponderosa pine.</p>
	<p>S. 89° 57' W., bet. secs. 29 and 32.</p> <p>Over rolling land; through moderately heavy timber; asc. 30 ft. along S. slope.</p>
12.40	Spur, projects S.; desc. 10 ft. along gentle S. slope.

Survey of a Portion of the Subdivision of T. 39 S., R. 1 W.

Chains
40.03

Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32.

Drill an iron post, 15 ins. long, 1 ins. diam., 8 ins. into solid sandstone, in a collar of stone, with brass cap mkd.

T39S RLW

$\frac{1}{4}$ S29

S32

1959

Cont. over gentle S. slope.

46.30

E. rim of Hackberry Canyon, bears irregularly N. and S.; thence by triangulation, with topography estimated; desc. about 400 ft. over precipitous W. slope.

58.00

The approximate position of wash in bottom of Hackberry Canyon, 1 ch. wide, 3 ft. deep, drains S.; asc. about 200 ft. over steep E. slope of canyon wall.

75.70

Top of ascent, bears N. and S.; end of triangulation; desc. 30 ft. over gentle W. slope.

80.06

The cor. of secs. 29, 30, 31 and 32, hereinafter described.

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, scattered pinion and juniper.

From the cor. of secs. 31 and 32, on the S. bdy. of the Tp., monumented by an iron post, $2\frac{1}{2}$ ins. diam., firmly set, mkd. and witnessed as previously described.
 S. bdy. of T. 40 S., R. 1 W.

N. $0^{\circ} 03'$ W., bet. secs. 31 and 32.

Over rolling and broken land, through scattered timber; asc. 170 ft. over steep SE. slope of sandstone butte.

12.20

Top of ascent on E. slope of sandstone butte; thence desc. 180 ft. over steep NE. slope.

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground with brass cap mkd.

T39S RLW

$\frac{1}{4}$ S31

S32

1959

Deposit charcoal at base of iron post.

from which,

A sandstone pinnacle, about 200 ft. high, bears W. about 5 chs.

Cont. over gently rolling land; asc. 20 ft.

80.00

Point for the cor. of secs. 29, 30, 31 and 32.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground to bedrock, with brass cap mkd.

Survey of a Portion of the Subdivision of T. 39 S., R. 1 W.

Chains

T39S R1W
 S30|S29
 S31|S32
 1959

Land, rolling.
 Soil, sand and exposed sandstone.
 Timber, scattered pinion and juniper.

GENERAL DESCRIPTION

T. 39 S., R. 1 W. is generally high benchland drained south by Hackberry Canyon in the west and Cottonwood Creek in the east. Cottonwood Creek contains occasional small pools of seep water.

The land decreases in elevation from north to south, varying from about 7,000 feet to 5,400 feet above sea level.

Timber growth is heaviest in the higher elevations to the north, decreasing in quantity and individual size to the south. Ponderosa pine is found in the higher elevations, cottonwood in the canyon bottoms and pinion and juniper throughout. Sagebrush is found throughout the township. Manzanita is found only at higher elevations.

A passable secondary road is found in Cottonwood Canyon, leading south to the Glen Canyon section of the Colorado River from the town of Cannonville further north.

Chains

FIELD ASSISTANTS

10-53505-2

CERTIFICATE OF CADASTRAL ENGINEER

I, George D. Voorhees, HEREBY CERTIFY upon honor
pursuance of special instructions bearing date of the 28th day of August,
I have surveyed the south and west a . . .
T. 39 S. R. 1 W.

of the Salt Lake Meridian, in the State of Utah, which
represented in the foregoing field notes as having been executed by me and under my direction; and
said survey has been made in strict conformity with said instructions, the Manual of Instructions for
Survey of the Public Lands of the United States, and in the specific manner described in the f
field notes.

Salt Lake City, Utah

May 9, 1960

GP *DJ* *?*
(1) Voorhees
Cadastral v Chief of Party

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., APR 17 1961, 19

The foregoing field notes of the survey of the . . .
the subdivision of T. 39 S R 1 . . .

executed by Boyd S. Owens, Cadastral Surveyor, under the supervision of Ge-
Voorhees, Cadastral Surveyor, (Chief of Party)

having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer

I CERTIFY that the . . . of the field notes of the above-described surveys in T 39
R. 1 W., SLM, Utah, is a true copy of the field notes.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,

A SURVEY OF A PORTION OF THE SOUTH BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 39 SOUTH, RANGE 2 WEST

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

George D. Voorhees, Cadastral Surveyor (Chief of Field Party)

Donald A. Cannon, Cadastral Surveyor

Boyd S. Owens, Cadastral Surveyor

Under special instructions dated August 28, 1958, which provided

for the surveys included under Group No. 425, approved September 10, 1958

and assignment instructions dated June 11, 1959

Survey commenced June 26, 1959

Survey completed September 8, 1959

INDEX DIAGRAM

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7	8	9 16	10	11	12
		19			
18	17 18	16 16	15	14	13
		17			
19	20	21 15	22	23	24
20	29	28 14	27	26	25
	22				11
31 21	32 20	33 14	34	35 11	36
8	6	5	4	3	2

9

16-56770-1

→ Donald A. Cannon
 — Boyd S. Owens

Township 39 South, Range 2 West

Chains

A portion of the north boundary was surveyed by A. B. Lewis in 1897. A portion of the south boundary was surveyed by H. D. Heist in 1902. A portion of the north boundary was resurveyed and the remainder surveyed concurrently with the survey of this township and can be found in the field notes of T. 38 S., R. 2 W. The east boundary was surveyed concurrently with the survey of this township and can be found in the field notes of T. 39 S., R. 1 W. The west boundary was also surveyed concurrently with the survey of this township and can be found in the field notes of T. 39 S., R. 2½ W.

The following field notes are those of a dependent resurvey of a portion of the south boundary of this township and the south boundary of T. 39 S., R. 2½ W. A survey of a portion of the south boundary and a survey of a portion of the subdivision in T. 39 S., R. 2 W. deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. and L. E. Gurley solar transit No. 541331, conforming to the standard specifications of the Bureau of Land management. The instrument was maintained in precise adjustment throughout the survey.

Before restoring the corners of the resurvey, a search was made for any evidence of the corners and accessories called for in the original field note record. The recovered corners were then monumented. After completing the necessary retracements to connect the identified corner points, the rules of proportionate measurement were applied to ascertain the position of the lost corners. When no control was possible, the position of lost corners were located at record course and distance. Corners on east-west lines of the original survey completed at this time were set on the true latitudinal curve. Lines connecting previously established corners were run by the random and true method, but for simplification of the record the random lines are omitted from these field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

The measurements were made with a narrow steel tape, eight chains in length. The tape was graduated every link for the first chain and thereafter at 10 link intervals. The tape was tested by comparison with a standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, the vertical angle determined by use of a clinometer in good adjustment. The slope measurements were reduced to their horizontal equivalents, which appear in these field notes. All accessible lines were run by the direct method. The inaccessible lines were run by either traverse or triangulation methods. The details of such traverses and triangulations have been thoroughly verified and in order to simplify the record are omitted from these field notes. The distance to topography on the inaccessible lines are as scaled from U. S. G. S. topographic maps or aerial photographs.

All lines of this survey were carried forward by sustained angulation. The direction of all lines of this survey were determined by deflecting from meridians established by altitude observations on the sun or hour angle observations on Polaris. These meridians were established at a number of stations throughout the survey.

The geographic position for the southeast corner of the township is latitude 37° 22' 11" N. and longitude 111° 56' 57" W., as scaled from U. S. G. S. topographic maps.

The magnetic declination was read at a number of stations in the township and the average of the several readings was found to be 15° 30' East.

Survey of a Portion of the South Boundary, T. 39 S., R. 2 W.

Chains

Page 10

At a point 313.96 chs. east of the reestablished cor. of secs. 3 and 4, T. 40 S., R. 2 W., intersect the W. bdy. of T. 39 S., R. 1 W.

Point for the closing cor. of T. 39 S. and R. 2 W., and T. 40 S., R. 1 W.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, in a mound of stone, 2½ ft. base to top, with brass cap mkd.

T39S
R2W R1W
C S36 S31
C S 6
T40S.
R1W
1959

From this cor. the SW. cor. of T. 39 S., R. 1 W. bears South 2.17 ch dist.

Thence West, along the S. bdy. of sec. 36.

Over gently rolling land, through thinly scattered timber.

6.54 Point for the ¼ sec. cor. of sec. 6. T. 40 S., R. 1 W.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

¼ S6
T40S R1W
1959

Deposit mkd. stone at base of iron post.

Asc. 80 ft. over NE. slope.

30.70 Spur, slopes N.; asc. 90 ft. along rolling N. slope.

40.00 Point for the ¼ sec. cor. of sec. 36.

Set an iron post, 30 ins. long, 1 in. diam., drilled 6 ins. into solid sandstone, in a collar of stone, with brass cap mkd.

T39S R2W
¼ S36
1959

No other suitable accessories available.

40.10 Ridge, bears NW. and SE.; desc. 10 ft. along S. slope.

45.79 Point for the closing cor. of Tps. 40 S., Rs. 1 and 2 W.; monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the survey of T. 40 S., R. 2 W.

Asc. 10 ft. over E. slope.

46.60 E. edge of gulch, bears N. 30° W. and S. 30° E.; desc. abruptly 90 ft. over W. slope.

50.90 Wash, in bottom of gulch, 25 lks. wide, 6 fns. deep, drains S. 30° E. asc. abruptly 200 ft. over E. slope.

59.80 Spur, slopes S. 10° E.; desc. 40 ft. along broken S. slope.

Survey of a Portion of the South Boundary, T. 39 S., R. 2 W.

Chains	
75.50	Wash, 30 lks. wide, 5 ft. deep; drains SE.; asc. 100 ft. over NE. slope.
80.00	Point for the cor. of secs. 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R2W S35 S36 S 1 T40S 1959 Deposit charcoal at base of iron post. No other suitable accessories available. Land, rolling and broken. Soil, shallow sand and exposed sandstone. Timber, juniper and pinon.
	West, along the S. bdy. of sec. 35. Asc. 10 ft. over NE. slope; through scattered timber.
2.20	Ridge, bears N. 30° E.; desc. 80 ft. over SW. slope.
5.79	Point for the ¼ sec. cor. of sec. 1, T. 40 S., R. 2 W. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, in a mound of stone, 4½ ft. base to top, with brass cap mkd. ¼ S1 T40S R2W 1959 Desc. 120 ft. along broken S. slope.
16.30	Bottom of descent, drains S. 10° W.; asc. abruptly 120 ft. over E. sandstone slope.
32.20	Sandstone spur, slopes S.; desc. abruptly 250 ft. over ledge facing W.
38.50	Wash, 20 lks. wide, 2 ft. deep, drains S.; asc. abruptly 60 ft. over E. slope.
40.00	Point for the ¼ sec. cor. of sec. 35. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R2W ¼ S35 1959 Deposit charcoal at base of iron post. No other suitable accessories available.
40.40	Spur, slopes S. 10° E.; desc. abruptly 130 ft. over W. slope.
45.79	Point for the cor. of secs. 1 and 2, T. 40 S., R. 2 W.

Survey of a Portion of the South Boundary of T. 39 S., R. 2 W.

Chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T39S R2W
S34
S2 | S1
T40S
1959

47.30 Wash, 40 lks. wide, 3 ft. deep, drains S. 10° E.; asc. abruptly 230 ft. over E. slope.

55.60 Spur, slopes sharply S. 30° E.; asc. 30 ft. along S. slope.

63.00 Spur, slopes S. 60° W.; desc. 250 ft. over top of spur sloping W.

80.00 Point for the cor. of secs. 34 and 35.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground, in a mound of stone, $2\frac{1}{2}$ ft. base to top, with brass cap mkd.

T39S R2W
S34 | S35
S 2
T40S
1959

Land, rolling and broken.
Soil, shallow sand and exposed sandstone.
Timber, juniper and pinon.

West, along the S. bdy. of sec. 34.

Through scattered timber.

2.10 Leave top of spur, slopes S. 80° W.; desc. 80 ft. along N. slope.

5.79 Point for the $\frac{1}{4}$ sec. cor. of sec. 2, T. 40 S., R. 2 W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$ S2
T40S R2W
1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Desc. 30 ft. over NW. slope.

8.00 Wash, 40 lks. wide, 20 ft. deep, drains S. 70° W.; asc. 40 ft. along broken S. slope.

29.70 Top of ascent, slopes S. 20° E.; desc. 40 ft. along S. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 34.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.

T39S R2W
 $\frac{1}{4}$ S34
1959

Survey of a Portion of the South Boundary of T. 39 S., R. 2 W.

Chains	
	Asc. 60 ft. along S. slope.
45.79	Point for the cor. of secs. 2 and 3, T. 40 S., R. 2 W. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd. T39S R2W S34 S3 S2 T40S 1959
	Asc. 230 ft. over SE. slope.
57.60	Spur, slopes S. 20° W.; desc. 190 ft. over W. slope.
71.30	Wash, 50 lks. wide, 10 ft. deep, drains S.; asc. 60 ft. over E. slope.
80.00	Point for the cor. of secs. 33 and 34. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd. T39S R2W S33 S34 S 3 T40S 1959
	Deposit charcoal at base of iron post.
	No other accessories available.
	Land, rolling and broken. Soil, shallow sand and exposed sandstone. Timber, juniper and pinon.
	West, along the S. bdy. of sec. 33.
	Through scattered timber; asc. 10 ft. over slight E. slope.
5.79	Point for the $\frac{1}{4}$ sec. cor. of sec. 3, T. 40 S., R. 2 W. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd. $\frac{1}{4}$ S3 T40S R2W 1959
	Deposit charcoal at base of iron post.
	No other suitable accessories available.
	Asc. 10 ft. over slight E. slope.
16.40	Spur, projects S. 10° E.; desc. 90 ft. over W. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of sec. 33.

Survey of a Portion of the South Boundary, T. 39 S., R. 2 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 3½ ft. base, to top, with brass cap mkd.

T39S R2W

½ S33
1959

Desc. 60 ft. over broken W. slope.

44.40 E. rim of box canyon, a ledge about 80 ft. high, bears N. about 1 ch. to end of box canyon; desc. about 100 ft. over W. slope.

47.60 Wash, in bottom of box canyon, 30 lks. wide, 2 ft. deep, drains S.; asc. abruptly 100 ft. over E. slope.

49.60 W. rim of box canyon, a ledge about 50 ft. high, bears N. 30° E.; about 1 ch. to end of box canyon and S.; asc. 120 ft. over E. slope.

64.90 Spur, projects S.; desc. 90 ft. over W. slope.

73.06 Point for the cor. of secs. 3 and 4, at record course and dist. E. for the original cor. of secs. 4, 5, n31 and 32; hereinafter described; no evidence of the original cor. remains.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T39S R2W

S33
S4|S3

T40S R2W
1959

Land, rolling and broken breaks of the Paria River.
Soil, sand with exposed sandstone.
Timber, juniper and pinon.

Dependent Resurvey of Portion of North Boundary of T. 40 S., R. 2 W.

Beginning at the cor. of secs. 3 and 4, on the N. bdy. of the Tp.

West, along the N. bdy. of sec. 4.

Through thinly scattered timber; desc. 60 ft. over broken W. slope.

6.94 Point for the cor. of secs. 32 and 33 falls on sandstone ledge facing SW. where cor. cannot be monumented.

7.29 Point selected for the witness cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground in a mound of stone, 4½ ft. base to top, with brass cap mkd.

T39S R2W

S32|S33 W
S 4 C

T40S
1959

Asc. abruptly 50 ft. over sandstone ledge facing E.

9.40 E. rim of Paria River Canyon, on a sandstone butte about 30 ft. rim bears N. 10° W. and S. 10° E.; cont. by triangulation.

Desc. abruptly about 310 ft. over ledges facing W.

Dependent of Portion of North B. . , T. 40 S., R. 2 W.

Chains

- 16.70 The Paria River, 80 lks. wide, 6 ins. deep, course S. 30° W. from N. 30° W.; cont. over nearly level land.
- 20.10 W. edge of bottom of Paria River Canyon, bears N. 10° W. and S. about 2 chs.; asc. abruptly about 200 ft. over ledge facing E.
- 20.50 W. rim of Paria River Canyon, bears N. 10° W. and S. about 2 chs., thence NE.
- 21.90 Point projects S. 30° W. about 2 chs. to end.
- 23.40 E. rim of Deer Creek Canyon, a ledge about 150 ft. high, bears NW. and SE.; desc. about 200 ft. over ledge facing SW.
- 27.00 Deer Creek, 8 lks. wide, 2 ins. deep, drains SE.; asc. about 150 ft. over ledges facing NE.
- 34.20 West rim of Deer Creek Canyon, bears NW. and SE.; asc. about 200 ft. over E. slope.
- 39.50 Spur, slopes sharply N.; end of triangulation; desc. 20 ft. over NW. slope.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 4, at original course and dist. from the W.; no evidence of the original cor. remains.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground, in a mound of stone, $4\frac{1}{2}$ ft. base to top, with brass cap mkd.
- $\frac{1}{4}$ S4
T40S R2W
1959
- Thence by triangulation; desc. about 300 ft. over ledges on NW. slope.
- 44.50 Wash in bottom of gulch, 30 lks. wide; 2 ft. deep, drains NE. asc. about 350 ft. over ledges facing SE.
- 46.94 Point for the $\frac{1}{4}$ sec. cor. of sec. 32 falls on inaccessible ledges on SE. slope where the cor. cannot be monumented.
- 57.00 W. edge of gulch, bears N. 20° E. and S. 20° W.
- 57.14 Point selected for the witness $\frac{1}{4}$ sec. cor. of sec. 32.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.
- T39S R2W
 $\frac{1}{4}$ S32 W
1959 C
- Deposit charcoal at base of iron post.
- No other suitable accessories available.
- Asc. 190 ft. over E. slope.
- 80.00 The original cor. of secs. 4; 5, 31 and 32, now functions as the cor. of secs. 4 and 5 only; monumented by a sandstone, 4X7X30 ins., set 12 ins. in the ground, mkd. with 4 notches on the E. and 2 notches on the W. This cor. now functions as the cor. of secs. 4 and 5 only.
- At the cor. point
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground in a mound of stone, $2\frac{1}{2}$ ft. base to top, with brass cap mkd.

Dependent Resurvey of Portion of North Boundary, T. 40 S., R. 2 W.

Chains

T39S
S32
 S5|S4
 T40S R2W
 1959

Bury the original cor. alongside iron post.
 Land, rolling and broken breaks of the Paria River.
 Soil, sand and exposed sandstone.
 Timber, juniper and pinon.

N. 89° 56' W., along the N. bdy. of sec. 5.

Through medium timber; asc. 80 ft. over E. slope.

6.94 Point for the cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground in a mound of stone, 2½ ft. base to top, with brass cap mkd.

T39S R2W
S31|S32
 S 5
 T40S
 1959

Asc. 120 ft. over E. slope.

14.50 Spur, slopes N.; desc. 280 ft. over rolling W. slope.

33.00 The original witness ¼ sec. cor. of secs. 5 and 32, now functions as the witness ¼ sec. cor. of sec. 5 only; reestablished from two bearing trees:

A pinon, 4 ins. diam., bears N. 5° E., 52 lks. dist., mkd.
 ¼ S32 BT.

A Ponderosa Pine, 9 ins. diam., bears S. 37 lks. dist., mkd.
 WC ¼ S5 BT.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface and in a mound of stone, 4 ft. base to top, with brass cap mkd.

W
 C¼ S5
 T40S R2W
 1959

Desc. 70 ft. over abrupt W. slope.

36.80 Wash, 40 lks. wide, 3 ft. deep, drains N. 10° E.; asc. abruptly 150 ft. over E. slope.

39.00 Point for the ¼ sec. cor. of sec. 5 falls on steep E. slope where cor. cannot be perpetuated, at record dist. from the original witness ¼ sec. cor. of secs. 5 and 32.

S. 89° 44' W., beginning new measurement.

3.30 W. edge of gulch, bears N. 20° E. and S. 20° W.; asc. 10 ft. over NE slope.

7.94 Point for the ¼ sec. cor. of sec. 31.

Dependent Resurvey of Portion of North Boundary of T. 40 S., R. 2 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

T39S R2W

S31

1959

Deposit mkd. stone at base of iron post.

No other suitable accessories available.

Asc. 140 ft. over NE. slope.

20.20 Spur, slopes N. 30° E.; desc. 70 ft. over steep W. slope.

27.80 Wash, 20 lks. wide, 6 ft. deep, drains N. 10° E.; asc. 220 ft. over SE. slope.

36.70 Spur, slopes NE.; desc. 10 ft. over W. slope.

41.00 The original cor. of secs. 5, 6, 31 and 32, now functions as the cor. of secs. 5 and 6 only; monumented by a sandstone 7X12X24 ins., set 8 ins. in the ground, mkd. with 5 notches on the E. face and 1 notch on the W. face.

From which,

An original bearing tree, a pinon, 12 ins. diam., bears S. 71° 30' E., 49 lks. dist., mkd. T40S R2 W S5 BT.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

T39S

S31

S6|S5.

T40S R2W

1959

Set original cornerstone alongside iron post.

No other suitable accessories available.

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, juniper, pinon and Ponderosa Pine.

N. 89° 59' W., along the N. bdy. of sec. 6.

Through scattered timber; desc. 10 ft. over W. slope.

.99 E. edge of gulch, bears N. 10° E. and S. 10° W.; desc. abruptly 180 ft. over W. slope.

6.94 Point for the cor. of Tps. 39 S., Rs. 2 and 2½ W.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T39S

R2½W R2W

S36|S31

S 6

T40S R2W

1959

Dependent of Portion of North B. of T. 40 S. R. 2 W

Chains

Desc. 200 ft. over W. slope.

7.30 Wash in bottom of gulch, 30 lks. wide, 15 ft. deep, drains N. irregularly; asc. abruptly 240 ft. over E. slope.

13.70 W. edge of gulch, bears N. 10° E. and S. 10° W.; asc. 130 ft. over rolling E. slope.

38.20 Spur, slopes N.; cont. along rolling N. slope.

39.70 The original $\frac{1}{4}$ sec. cor. of secs. 6 and 31, now functions as the $\frac{1}{4}$ sec. cor. of sec. 6 only, monumented by a sandstone, 4X12X16 ins., set 8 ins. in the ground, mkd. $\frac{1}{4}$ S on N. face.

At the cor. point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground with brass cap mkd.

$\frac{1}{4}$ 86
T40S R2W
1959

Deposit original cornerstone alongside iron post.

No other suitable accessories available.

N. 89° 46' W., beginning new measurement.

Asc. 10 ft. over rolling N. slope.

7.24 Point for the $\frac{1}{4}$ sec. cor. of sec. 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd.

T39S R2 $\frac{1}{2}$ W
 $\frac{1}{4}$ S36
1959

Deposit mkd. stone at base of iron post.

No other suitable accessories available.

7.40 E. edge of Deer Creek Canyon, bears NE. and SW.; desc. abruptly 230 ft. over NW. slope.

20.40 Wash, dry, in bottom of Deer Creek Canyon, 60 lks. wide, 30 ft. deep, drains NE.; asc. 240 ft. over SE. slope.

34.00 Top of ascent, slopes S.; desc. 110 ft. over SW. sandstone slope.

40.00 The cor. of T. 39 S., Rs. 2 $\frac{1}{2}$ and 3 W. and T. 40 S., Rs. 2 and 3 W.; monumented by an iron post, 1 in. diam., set, mkd. and witnessed as described in the concurrent resurvey of the E. bdy. of T. 40 S., R. 3 W.

Land, rolling and broken sandstone.

Soil, shallow sand with exposed sandstone.

Timber, scattered juniper, pinon, and ponderosa pine.

Survey of a Portion of the Subdivision of T. 39 S., R. 2 W.

Chains

From the cor. of secs. 35 and 36, on the S. bdy. of the Tp.

N. $0^{\circ} 01'$ W., bet. secs. 35 and 36.

Over broken land, through scattered timber; asc. 10 ft. along E. slope.

3.10 Top of ascent, slopes E.; desc. 60 ft. along E. slope.

10.40 Wash, 10 lks. wide, 2 ft. deep, drains S. 10° E.; asc. 260 ft. over SW. slope.

24.60 High sandstone spur, slopes sharply S. 20° E.; desc. 150 ft. over NE. slope.

36.30 Wash, heads about 6 chs. W., 10 lks. wide, 6 ft. deep, drains SE.; asc. 20 ft. over S. slope.

40.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 35 and 36.

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

T39S R2W

$\frac{1}{2}$
S35 | S36
1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

40.10 Sandy spur, slopes NW.; desc. 50 ft. over NE. slope.

48.70 Wash, 10 lks. wide, 6 ft. deep, drains S. 30° E.; asc. 180 ft. over broken sandstone on S. slope.

55.70 Asc. over ledge about 50 ft. high, bears irregularly E. and W.; asc. 60 ft. over S. slope.

69.90 Ridge, bears N. 40° E. and S. 40° W.; desc. 60 ft. over rolling NW. slope.

80.00 Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T39S R2W

S26 | S25
S35 | S36
1959

Deposit charcoal at base of iron post.

No other suitable accessories available.

Land, rolling and broken.

Soil, sand with exposed sandstone.

Timber, thinly scattered juniper and pinon.

From the cor. of secs. 25 and 36, on the E. bdy. of the Tp., monumented by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the concurrent survey of T. 39 S., R. 1 W.

N. $89^{\circ} 59'$ W., bet. secs. 25 and 36.

of a Portion of the Subdivision of T. 39 S R. 2 W.

Chains

- Over rolling land, through medium timber; asc. 80 ft. over E. sl
- 7.30 Spur, slopes S.; desc. 30 ft. over series of small spurs and washes putting S.
- 32.20 Wash, 15 lks. wide, 6 ft. deep, drains S. 70° E. from NW.; asc. 70 ft. over rolling S. slope.
- 39.96 Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36.
- Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.
- T39S R2W
 $\frac{1}{4}$ S25
S36
1959
- Deposit charcoal at base of iron post.
- No other suitable accessories available.
- Asc. 10 ft. over slight E. slope.
- 50.20 Base of abrupt ascent of high sandstone spur, bears NW. and SE.; asc. 110 ft. over E. slope.
- 55.90 High sandstone spur, projects S. 20° E.; asc. 40 ft. over broken sandstone draining S.
- 70.80 Ridge, bears NE. and SW.; desc. 40 ft. over rolling NW. slope.
- 79.92 The cor. of secs. 25, 26, 35 and 36.
- Land, rolling and broken.
Soil, sand with exposed sandstone:
Timber, juniper and pinon.

From the cor. of secs. 1 and 2, on the N. bdy. of the Tp., monument by an iron post, 2 $\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the concurrent survey of T. 38 S., R. 2 W.

S. 0° 01' E., bet. secs. 1 and 2.

Over gently rolling land, through scattered timber.

- 37.17 Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap mkd.

T39S R2W
S2 | S1
S11 | S12
1959

Set a juniper post, 3 ft. long, 3 ins. diam., alongside iron post.

No other suitable accessories available.

Land, gently rolling.
Soil, sand.
Timber, juniper and pinon.

of a Portion of the Subdivision of T. 39 S., R. 2 W.

Chains	S. 89° 58' W., bet. secs. 2 and 11. Over gently rolling land, through scattered timber.
35.90	Track road, bears N. and S.
38.30	Track road, bears N. and S.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd. T39S R2W $\frac{S\ 2}{S11}$ 1959 Deposit charcoal at base of iron post. No other suitable accessories available. Cont. over gently rolling land.
64.50	Track road, bears N. and S.
80.00	Point for the cor. of secs. 2, 3, 10 and 11. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd. T39S R2W $\frac{S3\ S2}{S10\ S11}$ 1959 Deposit charcoal at base of iron post. No other suitable accessories available. Land, gently rolling. Soil, sand. Timber, juniper and pinon.
5.50	N. 0° 01' W., bet. secs. 2 and 3. Over gently rolling land, through scattered timber. Begin descent over rolling NW. slope. Desc. 30 ft.
37.12	The cor. of secs. 2 and 3, on the N. bdy. of the Tp., monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the concurrent survey of T. 38 S., R. 2 W. Land, gently rolling. Soil, sand. Timber, juniper and pinon.

Survey of a Portion of the Subdivision of T. 39 S., R. 2 W.

Chains

From the cor. of secs. 33 and 34, on the S. bdy. of the Tp.

N. 0° 02' W., bet. secs. 33 and 34.

Through scattered timber, over rolling land; asc. 60 ft. over SE. slope.

24.40 Spur, slopes N. 80° E.; desc. 30 ft. over rolling E. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mld.

T39S R2W

$\frac{1}{4}$
S33|S34
1959

Desc. 10 ft. over N. slope.

40.50 Wash, 10 lks. wide, 3 ft. deep, heads about 8 chs. W.; drains E.; asc. 150 ft. over broken SE. slope.

60.30 Spur, projects S. 70° W.; desc. 50 ft. along rolling W. slope.

78.40 Spur, slopes N. 80° W.; desc. abruptly 70 ft. over N. slope.

80.00 Point for the cor. of secs. 27, 28, 33 and 34.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mld.

T39S R2W

S28|S27
S33|S34
1959

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, juniper and pinon.

N. 0° 02' W., bet. secs. 27 and 28.

Over broken land, through scattered timber; desc. abruptly 20 ft. over N. slope.

.60 Wash, 10 lks. wide, 1 ft. deep, drains W.; asc. 320 ft. over S. slope

32.60 Point projects about 5 chs. W. to end; desc. 70 ft. over NW. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 28.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mld.

T39S R2W

$\frac{1}{4}$
S28|S27
1959

Survey of a Portion of the Subdivision of T. 39 S., R. 2 W.

Chains	Desc. 40 ft. along W. slope.
45.60	Spur, slopes sharply N. 30° W.; desc. abruptly 200 ft. over N. slope.
71.30	Wash, 10 lks. wide, 2 ft. deep, heads about 10 chs. E.; drains W.; asc. 210 ft. over broken SW. slope.
80.00	Point for the cor. of secs. 21, 22, 27 and 28. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, in a mound of stone, 2½ ft. base to top, with brass cap mkd. T39S R2W S21 S22 S28 S27 1959 Land, broken. Soil, shallow sand with exposed sandstone. Timber, juniper and pinon.
	N. 0° 02' W., bet. secs. 21 and 22. Over broken land, through scattered timber.
.70	Spur, slopes S. 80° W.; desc. 180 ft. over NW. slope.
17.30	Wash, 40 lks. wide, 3 ft. deep, drains S. 70° W.; asc. 250 ft. over broken S. slope.
30.60	Spur, slopes SW.; asc. 160 ft. along broken W. slope.
40.00	Point for the ¼ sec. cor. of secs. 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, in a mound of stone, 2½ ft. base to top, with brass cap mkd. T39S R2W S21 S22 1959 Asc. 120 ft. over S. slope.
58.80	Spur, slopes W.; desc. 210 ft. over N. slope.
68.80	Wash, 5 lks. wide, 1 ft. deep, heads about 6 chs. E.; drains W. about 10 chs.; thence S. 20° W.; asc. 230 ft. over S. slope.
80.00	Point for the cor. of secs. 15, 16, 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd. T39S R2W S16 S15 S21 S22 1959 Land, rolling and broken. Soil, sand and exposed sandstone. Timber, juniper and pinon.

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Survey of a Portion of the Subdivision of T. 39 S., R. 2 W.

Chains

N. 0° 02' W., bet. secs. 15 and 16.

Through scattered timber; asc. 50 ft. over S. slope.

1.60 Spur, slopes W.; desc. 130 ft. along W. slope.

26.80 S. edge of gulch, bears N. 60° W. and S. 60° E.; desc. abruptly 150 ft. over N. slope.

32.00 Wash in bottom of gulch, 20 lks. wide, 3 ft. deep, drains N. 60° W.; asc. 130 ft. over broken SW. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 14 ins. in the ground in a mound of stone, 3 ft. base to top, with brass cap mkd.

T39S R2W

$\frac{1}{4}$
S16 | S15
1959

Asc. 30 ft. over S. slope.

44.60 Spur, slopes W.; desc. 220 ft. over NW. slope.

69.50 Wash, 1 ch. wide, 3 ft. deep, drains SW.; asc. abruptly 160 ft. over rolling SW. slope.

80.00 Point for the cor. of secs. 9, 10, 15 and 16.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T39S R2W

$\frac{1}{4}$
S 9 | S10
S16 | S15
1959

Land, rolling and broken.
Soil, sand with exposed sandstone.
Timber, juniper and pinon.

N. 0° 02' W., bet. secs. 9 and 10.

Through scattered timber; asc. 140 ft. along broken W. slope.

17.30 Asc. over ledge about 50 ft. high, bears S. 20° E. and S. 20° W.; asc. 120 ft. over broken SW. slope.

21.90 S. rim of mesa, bears N. 20° W. about 4 chs., thence S. 30° W. and S. 20° E.; asc. 50 ft. over SE. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 10.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd.

T39S R2W

$\frac{1}{4}$
S 9 | S10
1959

Asc. 40 ft. over SE. slope.

58.50 Ridge, bears N. 60° W. and S. 60° E.; desc. 110 ft. over NE. slope.

Survey of a Portion of the Subdivision of T. 39 S., R. 2 W.

Chains

68.50	Wash, 20 lks. wide, 6 ft. deep, drains N. 30° W.; asc. 50 ft. over SW. slope.
79.20	Spur, slopes N. 30° W.
80.00	Point for the cor. of secs. 3, 4, 9 and 10. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T39S R2W S 4 S 3 S 9 S 10 1959 </div> Deposit charcoal at base of iron post. No other suitable accessories available. Land, rolling and broken. Soil, sand. Timber, juniper and pinon.
37.09	N. 0° 02' W., bet. secs. 3 and 4. Through scattered timber; desc. 50 ft. over gentle N. slope. Intersect the S. bdy. of T. 38 S., R. 2 W.; point for the closing cor. of secs. 3 and 4. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T38S R2W S 33 84 S 3 C C T39S R2W 1959 </div> Deposit charcoal at base of iron post. No other suitable accessories available. From this point, the cor. of secs. 33 and 34, T. 38 S., R. 2 W., bears East 9.94 chs. dist.; monumented by an iron post, 2½ ins. diam. set, mkd. and witnessed as described in the concurrent survey of T. 38 S., R. 2 W. Land, gently rolling. Soil, sand. Timber, juniper and pinon.
10.20	From the cor. of secs. 15, 16, 21 and 22. West, bet. secs. 16 and 21. Through scattered timber; desc. 60 ft. along S. slope. Saddle on spur, projects W.; asc. 60 ft. along NE. slope.
19.20	Spur, slopes N. 20° W.; desc. abruptly 210 ft. over W. slope.

Survey of a Portion of the Subdivision of T. 39 S., R. 2 W.

Chains

33.40 Base of abrupt descent, bears N. 10° E. and S.; desc. 30 ft. over W. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T39S R2W

$$\frac{1}{4} \frac{S16}{S21}$$

1959

Deposit mkd. stone at base of iron post.

No other suitable accessories available.

Desc. 50 ft. over W. slope.

42.90 Slope changes; desc. 240 ft. over NW. slope.

71.70 Wash, 60 lks. wide, 4 ft. deep, drains S. 30° W. from N. 60° E.; asc. 80 ft. over SE. slope.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 20 ins. long, 1 in. diam., drilled 6 ins. into solid sandstone, with brass cap mkd.

T39S R2W

$$\frac{S17}{S20} \frac{S16}{S21}$$

1959

No suitable accessories available.

Land, rolling and broken.

Soil, sand with exposed sandstone.

Timber, juniper and pinon.

N. 0° 03' W., bet. secs. 16 and 17.

Through scattered timber; asc. 160 ft. over broken SE. slope.

11.00 Slope changes; asc. 110 ft. over S. slope.

15.48 Cont. by triangulation; asc. about 150 ft. over S. slope.

30.50 Base of ledges, bears N. 20° E. and SW.; asc. about 700 ft. over ledges facing SE.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17 falls on inaccessible ledges where the cor. cannot be monumented.

46.20 Top of ledges, bears N. 20° E. and S. 20° W.

46.33 End of triangulation; cont. by chaining.

46.50 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 16 and 17.

Survey of a Portion of the Subdivision of T. 39 S., R. 2 W.

Chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T39S R2W

$\frac{1}{4}$
S17 | S16

W C

1959

Asc. 40 ft. over SE. slope.

48.90 Spur, projects S. 30° W.; desc. 110 ft. along W. slope.

76.90 Recross spur, projects S. 10° E.; desc. 10 ft. along E. slope.

80.00 Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, in a mound of stone, $2\frac{1}{2}$ ft. base to top, with brass cap mkd.

T39S R2W

S 8 | S 9

S17 | S16

1959

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, pinon and juniper.

From the cor. of secs. 9, 10, 15 and 16.

S. $89^{\circ} 58' W.$, bet. secs. 9 and 16.

By triangulation, through scattered timber; desc. about 150 ft. over broken SW. slope.

9.80 Wash, 30 lks. wide, 6 ft. deep, drains S.; asc. about 350 ft. over ledges facing E.

26.00 Top of ledges, bears N. 20° E. and S. 20° W.; asc. 30 ft. over E. slope.

26.05 End of triangulation; cont. by chaining.

29.60 Spur, projects S. 20° E.

29.72 Begin triangulation; desc. about 400 ft. over ledges facing SW.

40.07 Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16 falls on ledges facing SW. where the cor. cannot be monumented.

41.50 Ravine, 60 lks. wide, drains sharply S. 10° E.; asc. about 450 ft. over ledges facing E.

59.60 Top of ledges, bears N. and S.

59.74 End of triangulation; cont. by chaining.

59.82 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 9 and 16.

Set an iron post, 36 ins. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.

T39S R2W

$\frac{1}{4}$ S 9 W

S16 C

1959

Survey of a Portion of the Subdivision of T. 39 S., R. 2 W.

Chains

- 61.80 High sandstone spur, projects S. about 3 chs. to end.
 61.82 Begin triangulation; desc. about 100 ft. over ledges facing S.
 76.50 Ravine, 30 lks. wide, drains sharply SE.; asc. about 200 ft. over ledges facing E.
 79.20 Top of ledge, bears N. 30° W. and S. 30° E.; asc. about 40 ft. over E. slope.
 80.02 End of triangulation; cont. by chaining.
 80.14 The cor. of secs. 8, 9, 16 and 17.
 Land, broken.
 Soil, sand and exposed sandstone.
 Timber, juniper and pinon.

From the true point for the cor. of secs. 32 and 33, on the S. bdy. of the Tp.

N. 0° 03' W., bet. secs. 32 and 33.

Through scattered timber; asc. abruptly 60 ft. on S. slope.

- 1.20 Sandstone spur, slopes sharply N. 30° W.
 1.23 Begin triangulation; desc. about 200 ft. over ledges on N. slope.
 6.80 Ravine, 20 lks. wide, drains sharply W.; asc. about 250 ft.
 9.80 Sandstone spur, projects about 3 chs. W. to end; desc. abruptly about 300 ft. over ledges facing N.
 13.50 Ravine, 40 lks. wide, drains sharply SW.; asc. about 300 ft. over ledges facing S.
 17.30 Top of ledges, bears E. about 5 chs., and SW. about 8 chs., thence N. 10° W.
 17.38 End of triangulation; cont. by chaining.
 Asc. 60 ft. over S. slope.
 21.30 Spur, slopes E.; asc. 40 ft. along E. slope.
 27.50 Spur, projects S. 20° W.; desc. 120 ft. along W. slope.
 40.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T39S R2W

$\frac{1}{2}$
 S32|S33
 1959

Asc. 60 ft. along W. slope.

- 55.50 Spur, slopes N. 70° W.; desc. 220 ft. over N. slope.
 64.60 Wash, 8 lks. wide, 2 ft. deep, drains W. from S. 70° E.; asc. 350 ft. over S. slope.
 72.30 Spur, slopes W.; desc. 290 ft. over NW. slope.
 80.00 Point for the cor. of secs. 28, 29, 32 and 33.

Survey of a Portion of the Subdivision of T. 39 S., R. 2 W.

Chains

Set an iron post, 20 ins. long, 1 in. diam., drilled 6 ins. into sandstone surface, in a mound of stone, 2 ft. base to top, with brass cap mkd.

T39S R2W

S29|S28

S32|S33

1959

Land, rolling and broken breaks of the Paria River Canyon.

Soil, sand with exposed sandstone.

Timber, juniper and pinon.

From the cor. of secs. 31 and 32, on the S. bdy. of the Tp.
N. 0° 03' W., bet. secs. 31 and 32.

Through scattered timber; asc. 50 ft. along E. slope.

10.20 Spur, slopes N. 70° E.; desc. abruptly 300 ft. over N. slope.

25.80 S. rim of box canyon, bears N. 70° E. and NW. about 3 chs. to end of box canyon; desc. over ledge about 200 ft. high facing N.

26.60 Wash in bottom of box canyon, 20 lks. wide, 2 ft. deep, drains S. 70° E.

27.90 Asc. over ledge about 200 ft. high facing S.

28.30 N. rim of box canyon, bears W. about 3 chs. to end of box canyon and S. 80° E.; asc. 120 ft. over S. slope.

40.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 2½ ft. base to top, with brass cap mkd.

T39S R2W

$\frac{1}{2}$
S31|S32

1959

Asc. 120 ft. over S. slope.

46.00 Spur, slopes E.; desc. 230 ft. along broken E. slope.

68.10 S. rim of Deer Creek Canyon, a ledge about 200 ft. high, bears N. 20° W. and S. 20° E.; desc. about 200 ft. over ledge facing NE.

73.10 Wash in bottom of canyon, 60 lks. wide, drains S. 20° E.; asc. 250 ft. over ledges facing SW.

80.00 Point for the cor. of secs. 29, 30, 31 and 32 falls on inaccessible ledges facing SW. where the cor. cannot be monumented.
Point selected for the witness cor. of secs. 29, 30, 31 and 32.
Drill an iron post, 20 ins. long, 1 ins. diam., 6 ins. into solid sandstone, in a mound of stone, 2½ ft. base to top, with brass cap mkd.

T39S R2W

S30|S29 W

S31|S32 C

1959

From this cor. the true point for the cor. of secs. 29, 30, 31 and 32 bears N. 89° 58' E., 10.20 chs. dist. ~~hereinafter described~~.

Land, rolling and broken.

Soil, shallow sand and exposed sandstone.

Timber, scattered juniper and pinon.

Survey of a Portion of the Subdivision of T. 39 R. 2 W.

Chains

From the cor. of secs. 28, 29, 32 and 33.

S. 89° 58' W., bet. secs. 29 and 32.

Through scattered timber; by triangulation across the Paria River Canyon.

4.50 Approximate position of the E. rim of the Paria River Canyon, a ledge about 300 ft. high, bears NE. and SW.; desc. about 500 ft. over ledges facing NW.

12.00 Approximate position of the Paria River in bottom of canyon, about 1 ch. wide, 6 ins. deep, course SW.; asc. about 500 ft. over ledges facing SE.

18.00 Approximate position of the W. rim of the Paria River Canyon, a ledge about 300 ft. high, bears NE. and SW.; asc. about 250 ft. over broken E. slope.

23.42 End of triangulation; cont by chaining; asc. 190 ft. over E. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., over a cross (X) cut on sandstone surface, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T39S R2W

$\frac{1}{4}$ $\frac{S29}{S32}$
1959

Asc. 40 ft. over E. slope.

43.90 Spur, slopes S.; asc. 30 ft. along S. slope.

68.20 Spur, projects S. about 5 chs. to end.

69.50 Desc. over a ledge about 30 ft. high, bears N. 10° W. and S. 10° E.; desc. about 150 ft. over broken ledges on S. slope.

80.00 True point for the cor. of secs. 29, 30, 31 and 32.

Land, rolling and broken.
Soil, shallow sand and exposed sandstone.
Timber, scattered juniper and pinon.

GENERAL DESCRIPTION

The land in T. 39 S., R. 2 W. is composed of high sandstone mesa land, covered with a fair growth of timber. It is cut by numerous gulches and canyons draining into the Paria River. The Paria River in a canyon, enters the township on the north boundary of section 5 and meanders in a southerly direction through the township leaving the south boundary of section 32.

At the time of survey there were no settlements in the township. The only water found was in the Paria River and there were no signs of mining activity. The land was used for a limited amount of stock grazing. Any settlement would be difficult due to the lack of water and rugged nature of the land.

The elevation above mean sea level is an estimated 4800 feet in the bottom of the Paria River Canyon in the south part of the township to about 7000 feet on the mesa tops in the north.

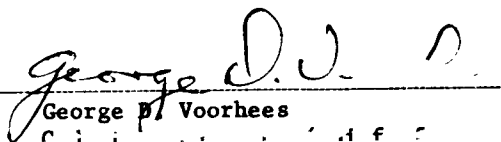
CERTIFICATE OF CADASTRAL ENGINEER

I, George D. Voorhees, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 28th day of August, 1958, I have ~~surveyed~~ independently resurveyed a portion of the south boundary, surveyed a portion of the south boundary and surveyed a portion of the subdivision of T. 39 S., R. 2 W.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

June 23, 196


George D. Voorhees

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., APR 17 1961, 19

The foregoing field notes of the ~~survey of~~ dependent resurvey of a portion of the south boundary and survey of a portion of the south boundary and a portion of the subdivision of T. 39 S., R. 2 W., Salt Lake Meridian, Utah

executed by Donald A. Cannon and Boyd S. Owens, Cadastral Surveyors, under the supervision of George D. Voorhees, Cadastral Surveyor (Chief of Party) having been critically examined and found correct, are hereby approved.


Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

R. 2 W., SLM, Utah, copy of the original field notes.

Cadastral

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL
FIELD NOTES

OF THE

SURVEY

OF THE EAST BOUNDARY

AND A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 39 SOUTH, RANGE 2½ WEST

Of the Salt Lake Meridian,

in the State of Utah

EXECUTED BY

George D. Voorhees, Cadastral Surveyor (Chief of Party)

Donald A. Cannon, Cadastral Surveyor

Under special instructions dated August 28, 1958, which provided

for the surveys included under Group No. 425, approved September 10, 1958

and assignment instructions dated June 11, 1959

Survey commenced August 19, 1959

Survey completed August 28, 1959

INDEX DIAGRAM

Township 39 South , Range 2½ West

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30	29	28	27	26	25	2
					6	
31	32	33	34	35	36	1

Township 39 South, Range 2½ West

Chains

The north boundary was surveyed by J.H. Clark in 1904. The south boundary was surveyed by H. D. Heist in 1902, resurveyed concurrently with the survey of this township and can be found in the field notes of T. 39 S., R. 2 W. The west boundary was surveyed by Nelson and Stumm in 1911.

The following field notes are those of the east boundary and a portion of the subdivision in T. 39 S., R. 2½ W., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered state school sections.

The survey was executed with W. & L. E. Gurley solar transit No. 541331, conforming to the standard specifications of the Bureau of Land Management. The instrument was maintained in precise adjustment throughout the survey.

The corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by the random and true method, but for simplification of the record, the random lines are omitted from these field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

The measurements were made with a narrow steel tape, eight chains in length, graduated every link for the first chain and thereafter at intervals of ten links. The chain was tested by comparison with a standard steel tape, one chain in length, and found to be correct. All measurements were made on the slope and the vertical angle of each interval determined by use of a clinometer in good adjustment. The intervals were then reduced to their horizontal equivalents, which appear in these field notes. The length of accessible lines was determined by chaining. The length of the inaccessible lines was determined by traverse or triangulation methods. The details of such traverses or triangulations were thoroughly verified and, in order to simplify the record, are omitted from these field notes.

The lines of this survey were carried forward by sustained angulation. The direction of all lines was determined by deflecting from meridians established by altitude observations on the sun or hour angle observations on Polaris at a number of stations in the township.

The geographic position for the southeast corner of the township is latitude 37° 22' 11" N. and longitude 112° 03' 29" W., as determined by section line ties to the standard corner of sections 35 and 36, T. 40 S., R. 1 W. The geographic position for the standard corner of sections 35 and 36, T. 40 S., R. 1 W. was determined by scaling from U. S. G. S. 7½ minute quadrangle "The Coxcomb SW", mapped in 1954.

The magnetic declination was read at a number of stations in the township and the average of the several readings was found to be 15°30'

Survey of the East Boundary of T. 39 S., R. 2½ W.

Beginning at the cor. of T. 39 S., Rs. 2 and 2½ W., monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the concurrent survey of T. 39 S., R. 2 W.

North, bet. secs. 31 and 36.

Through scattered timber; begin triangulation.

E. T. 30-S. R. W.

Chains

- Asc. about 30 ft. along W. slope.
- 2.00 Top of ascent slopes NW.; desc. about 60 ft. over N. slope.
- 8.00 Wash, 30 lks. wide, 5 ft. deep, drains NE.; asc. about 300 ft. over SE. slope.
- 20.00 N. edge of gulch, bears N. 70° E. and S. 60° W.; asc. 10 ft. along E. slope.
- 20.30 End of triangulation; cont. by chaining.
- 37.10 Spur, slopes E.; cont. along E. slope.
- 40.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 31 and 36.
- Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground and in a collar of stone, with brass cap mkd.
- T395
R2½ W R 2W
S36 | S31
1959
- No other suitable accessories available.
- Desc. 30 ft. along E. slope.
- 46.00 Spur, slopes N. 60° E.; desc. 30 ft. over N. slope.
- 48.00 S. rim of Deer Creek Canyon, a ledge about 10 ft. high, bears N. 60° E and W.; desc. 200 ft. over ledges on NW. slope.
- 62.13 Begin triangulation; desc. about 300 ft. over ledges on NW. slope.
- 77.70 Deer Creek, dry, 80 lks. wide, 2 ft. deep, drains NE.; asc. about 60 ft. over SE. slope.
- End of triangulation at H11.53, by return measure to the cor. point.
- 80.00 Point for the cor. of secs. 25, 30, 31 and 36.
- Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
- T396
R2½ W R 2W
S25 | S30
S36 | S31
1959
- Deposit charcoal at base of iron post.
- No other suitable accessories available.
- Land, rolling and broken.
Soil, sand and exposed sandstone.
Timber, scattered juniper and pinon.
- North, bet. secs. 25 and 30.
- Through scattered timber; desc. 60 ft. over NE. slope.
- 4.90 Deer Creek, dry, 80 lks. wide, 3 ft. deep, at bend, drains NE. from S. 10° E. & NW asc. 480 ft. over broken S. slope.

SURVEY E. 24 N. E. 20 S. E. 24 W.

Chains	
31.30	Spur, slopes E. from N.
31.53	End of triangulation; cont. by chaining; asc. 30 ft. along E. slope.
39.30	Recross spur, slopes N. 10° W.; cont. along top of spur.
40.00	Point for the 1/4 sec. cor. of secs. 25 and 30. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T398 R2 1/4 W R 2 W 1 S25 S30 1959 </div> Deposit mhd. stone at base of iron post. No other suitable accessories available. Cont. by triangulation; asc. about 20 ft. along top of spur sloping S.
43.00	Base of abrupt ascent, bears NE. and N. 20° W.; asc. about 850 ft. over sandstone ledges facing S.
74.70	E. rim of Deer Range Mesa, bears E. about 3 chs., thence N. and W.; asc. 40 ft. along E. slope.
80.00	Point for the cor. of secs. 19, 24, 25 and 30. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 16 ins. in the ground and in a mound of stone, 2 1/2 ft. base, to top, with brass cap mhd. <div style="text-align: center;"> T395 R2 1/4 W R 2 W S24 S19 S25 S30 1959 </div> Land, rolling and broken. Soil, sand and exposed sandstone. Timber, scattered juniper, pinon and Ponderosa pine.
North, bet. secs. 19 and 24.	
	Through scattered timber; asc. 40 ft. along E. slope.
5.30	Spur, slopes N. 30° E.; desc. 190 ft. over rolling N. slope.
33.00	Wash, 20 ins. wide, 5 ft. deep, drains NE.; asc. 50 ft. over SE. slope.
40.00	Point for the 1/4 sec. cor. of secs. 19 and 24. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 12 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mhd. <div style="text-align: center;"> T396 R2 1/4 W R 2 W 1 S24 S19 1959 </div> Asc. 10 ft. along E. slope.
44.40	Spur, slopes N. 30° E.; desc. 190 ft. over rolling N. slope.

344

4

Chains

65.90 Wash, 1 ch. wide, 2 ft. deep, drains N. 30° E.; asc. 40 ft. over SE. slope.

80.00 Point for the cor. of secs. 13, 18, 19 and 24.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 3½ ft. base, to top, with brass cap mkd.

T39S

R2½W R 2W

S13|S18

S24|S19

1959

Land, rolling mesa top.

Soil, sand and exposed sandstone.

Timber, scattered to medium juniper and pinon.

North, bet. secs. 13 and 18.

Through medium timber; asc. 30 ft. over SE. slope.

3.00 Spur, slopes N. 30° E.

3.65 Begin triangulation; desc. about 80 ft. over NW. slope.

15.50 E. rim of canyon, bears NW. and S. 80° E.; desc. over cliff about 600 ft. high.

21.50 Base of cliff, bears NW. and S. 60° E.; desc. about 500 ft. over brok N. slope.

40.00 Point for the ¼ sec. cor. of secs. 13 and 18 falls on inaccessible ledges of canyon, where the cor. cannot be monumented.

45.00 Wash, in the bottom of canyon, about 50 lks. wide, drains N. 20° E. from N. 70° W.; asc. about 900 ft. over ledges facing SE.

80.00 Point for the cor. of secs. 7, 12, 13 and 18, falls on face of cliff about 500 ft. high, where the cor. cannot be monumented.

Land, broken.

Soil, sand with considerable exposed sandstone.

Timber, medium to scattered juniper and pinon.

North, bet. secs. 7 and 12.

Asc. over cliff, about 500 ft. high, facing SE.

.60 Top of cliff, bears NE. and SW.

.69 End of triangulation, high sandstone spur, projects NE., begin triangulation.

.80 Point selected for the witness cor. of secs. 7, 12, 13 and 18.

Drill an iron post, 12 ins. long, 1 in. diam., 6 ins. in solid sandstone, with brass cap mkd.

T39S

R2½W R 2W

S12|S 7

S13|S18

W C

1959

Survey, E. Bdy., T. 39 S., R. 2½ W.

Chains	
	Set on NW. sandstone slope where mound of stone cannot be perpetuated.
	Desc. about 40 ft. over N. slope.
8.00	S. rim of Willis Creek Canyon, a cliff about 600 ft. high, bears irregularly E. and W.; desc. about 1,000 ft. over cliff and ledges facing N.
40.00	Point for the ¼ sec. cor. of secs. 7 and 12 falls in inaccessible spot in Willis Creek Canyon, where cor. cannot be monumented.
43.00	Willis Creek, 60 lks. wide, intermittent running water, course irregularly E.; asc. about 1,000 ft. over ledges on S. slope.
59.50	N. rim of Willis Creek Canyon, a cliff about 600 ft. high, bears E. and W.
59.80	Point selected for the witness ¼ sec. cor. of secs. 7 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	<div style="text-align: center;"> T39S R2½W R 2W ¼ S12½S 7 W C 1959 </div>
	Asc. 20 ft. over S. slope.
61.50	Spur, projects E.; desc. 120 ft. over rolling land, draining E.
80.00	Point for the cor. of secs. 1, 6, 7 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	<div style="text-align: center;"> T39S R2½W R 2W S 1 S 6 S12 S 7 1959 </div>
	Land, rolling and broken.
	Soil, sand and exposed sandstone.
	Timber, scattered juniper and pinon.
	North, bet. secs. 1 and 6.
	Through scattered to medium timber; desc. 30 ft. over series of small drains and spurs putting E.
41.13	Intersect the S. bdy. of sec. 36, T. 38 S., R. 3 W., point for the closing cor. of T. 39 S., Rs. 2 and 2½ W.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	<div style="text-align: center;"> T38S R 3W S36 S 1 S 6 C C R2½W R 2W 1959 </div>

Survey E. Bdy. T. 39 S. R. 2 W.

Chains

From this cor., the SE. cor. of T. 38 S., R. 3 W., bears E., 9.21 lks. dist.; monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the concurrent survey of T. 38 S., R. 2 W.

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, scattered to medium juniper and pinon.

Survey of a Portion of the Subdivision of T. 39 S., R. 2½ W.

Beginning at the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the Tp.

N. 89° 57' W., bet. secs. 25 and 36.

Through scattered timber; asc. 340 ft. over SE. slope.

9.40 Spur, slopes sharply NE. from the W.; asc. 180 ft. along N. slope.

40.00 Point for the ¼ sec. cor. of secs. 25 and 36.

Set an iron post, 36 ins. long, 1 in. diam., 26 ins. in the ground and in a collar of stone, with brass cap mkd.

T39S R2½W

S25

¼ S36

1959

Thence by triangulation to the witness cor. of secs. 25, 30, 31 and 36 on the E. bdy. of T. 39 S., R. 3 W.

Asc. about 40 ft. over E. slope.

56.00 Desc. over a ledge about 100 ft. high, bears N. about 2 chs. thence E., and S. about 2 chs. thence E.; desc. about 300 ft. over abrupt W. slope.

61.00 Ravine, drains sharply N. 10° E.; asc. about 500 ft. over abrupt, inaccessible sandstone on E. slope.

72.58 The true point for the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of T. 39 S., R. 3 W., this cor. now functions as the cor. of secs. 25 and 36, T. 39 S., R. 2½ W. and secs. 25 and 36, T. 39 S., R. 3 W.

From this point the witness corner of sections 25, 30, 31 and 36, Township. 39 S., R. 3 W., bears N. 89° 57' W. 13.84 chs. dist., monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

I change the markings to function as the witness cor. of secs. 25, 25 36 and 36.

T39S

R3W R2½W

S25 S25 W

S36 S36 C

1959

1911

Land, rolling and broken.

Soil, shallow sand and exposed sandstone.

Timber, scattered juniper and pinon.

Township 39 South, Range 2½ West

Chains

General Description

The land in T. 39 S., R. 2½ W. is high sandstone mesaland of deer range in the north and west, breaking off in the south and east to broken sandstone benchland cut by canyons draining easterly into the Paria River. There is intermittent running water in the bottom of Willis Creek, which enters near the north boundary of the township on the west boundary of section 1, draining southerly through the west part of section 1, turning easterly through section 12, and leaving on the east boundary of section 12. No other water was found in the township.

The ground cover varies from medium juniper, pinon, buckbrush and manzanita on the mesa top, to scattered juniper and kittle or no undergrowth on the benches.

There is no mining activity and there are no settlements in the township. Settlement would be impracticable due to the ruggedness of the terrain and lack of water.

There are no roads in the township at the present time.

The elevation above mean sea level is an estimated 5,000 feet in the canyons on the east boundary to around 7,000 feet on the mesa tops.

1. The first of the following is a list of the names of the persons who have been named in the following cases:

Chains

2. The second of the following is a list of the names of the persons who have been named in the following cases:

3. The third of the following is a list of the names of the persons who have been named in the following cases:

4. The fourth of the following is a list of the names of the persons who have been named in the following cases:

5. The fifth of the following is a list of the names of the persons who have been named in the following cases:

6. The sixth of the following is a list of the names of the persons who have been named in the following cases:

7. The seventh of the following is a list of the names of the persons who have been named in the following cases:

FIELD ASSISTANTS

10-52585-2

CERTIFICATE OF CADASTRAL ENGINEER

I, George D. Voorhees, HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the 28th day of August, 1958,
I have ~~examined~~ supervised the survey of the east boundary and a portion of the
subdivision of T. 39 S., R. 2½ W.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed ~~by me and under my direction~~ under my supervision; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

June 27, 1960

George D. Voorhees - Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., APR 17 1961, 1961

The foregoing field notes of the survey of the east boundary and a portion of the sub-
division of T. 39 S., R. 2½ W., Salt Lake Meridian, Utah

executed by Donald A. Cannon, Cadastral Surveyor, under the supervision of
George D. Voorhees, Cadastral Surveyor
having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

~~I certify that the foregoing transcript of the field notes of the above-described surveys in~~

~~, is a true copy of the original field notes.~~

~~Coastal Engineering Staff Officer.~~